

The following additions and corrections are made to the Indian Route Book, Volume V. 5th (Mhow) Division, 1914 Edition.

Route III.—In line 5 of the Epitome on page 1, for "Akot" read "Kainar".

In line 12 for "Neemuch" read "Nimbahera".

In line 13 for "Neemuch and Mangliawas" read "Nimbahera and Barl".

After "motors" in line 14, insert "From Barl to Mangliawas the road is fit for motor traffic".

Route VIII.—After the word "motors" in the last line of the Epitome on page 73, add "See Appendix 1 Motor road map".

Route XI.—In line 1 of the Epitome on page 124 after the word "road" insert "from Damoh to Saugor is fit for motor traffic and from Saugor".

In line 4 for "Nasirabad" read "Mangliawas".

Route 2.—The first para. of the Epitome on page 185 is reconstructed as follows:—"General direction N. E. to Ellichpur, then E to Amner, thence E.-S.E. to Nagpur. The road is fit for motor traffic as far as Akot, from which place the road is good as far as Amner.

The following additions and corrections are made to the Indian Route Book, Volume V. 5th (Mhow) Division, 1914 Edition.

Route II.—In line 5 of the Epitome on page 1, *for* "Akot" *read* "Kainar".

In line 12 *for* "Neemuch" *read* "Nimbahera".

In line 13 *for* "Neemuch and Mangliawas" *read* "Nimbahera and Barl".

After "motors" in line 14, *insert* "From Barl to Mangliawas the road is fit for motor traffic".

Route VIII.—After the word "motors" in the last line of the Epitome on page 73, *add* "See Appendix 1 Motor road map".

Route XI.—In line 1 of the Epitome on page 124 after the word "road" *insert* "from Damoh to Saugor is fit for motor traffic and from Saugor".

In line 4 *for* "Nasirabad" *read* "Mangliawas".

Route 2.—The first para. of the Epitome on page 185 is reconstructed as follows:—"General direction N. to Ellichpur, then E to Amner, thence E.-S.E. to Nagpur. The traffic as far as Akot, from which place the road or motor Amner. as as

The following additions and corrections are made to the Indian Route Book, Volume V 5th (Mhow) Division, 1914 Edition.

Route III—In line 5 of the Epitome on page 1, for "Akot" read "Kalmar".

In line 12 for "Neemuch" read "Nimbahera".

In line 13 for "Neemuch and Mangliawas" read "Nimbahera and Barl".

After "motors" in line 14, insert "From Barl to Mangliawas the road is fit for motor traffic".

Route III—After the word "motors" in the last line of the Epitome on page 73, add "See Appendix 1 Motor road map".

Route XI—In line 1 of the Epitome on page 124 after the word "road" insert "from Damoh to Faugor is fit for motor traffic and from Faugor".

In line 4 for "Nasirabad" read "Mangliawas".

Route 2.—The first para. of the Epitome on page 185 is reconstructed as follows:—"General direction N. E. to Ellichpur, then E to Amner, thence E.-S.E. to Nagpur. The road is fit for motor traffic as far as Akot, from which place the road is good as far as Amner."

INDEX OF CAMPING GROUNDS.

		Route.	Page.		Route.	Page.
A						
Abhanpur	.	43	300	Alipura	.	VIII, 40
Achera	.	23	337	Alladin-ka Dera	.	133
Adala	.	X, 22, 49	101, 249, 412	Alwar	.	X
Agar	.	30, 31	320, 325	Amargarh	.	71
Agra	.	26, 23	294, 337	Amarpatan	.	XII
Agral	.	29	300	Amarwar	.	25
Ahmedabad	.	X, XII, 18, 21, 53	100, 170, 219, 248	Amarwara	.	29
Ahmednagar	.	53	420	Ambabad	.	39
Ajgro	.	XI	139	Amer	.	53
Ajmer	.	53	433	Ametia	.	34, 77
Akola	.	III	3	Amkhara	.	VII
Akola.	.	III	12	Amal	.	29
Akot	.	III, 2	6, 137	Amner	.	2
Alai	.	III, 53	25, 445	Amnara	.	2
Alpa	.	XII	175	Amroli	.	VII, 5
						87, 203
						29
						121
						492
						151
						371
						503
						375
						421
						341
						83
						353
						199
						195
						61, 203

	Route.	Page.		Route.	Page.
	A—cont'd.			B—cont'd.	
Anand	75	609	Balochia	60	451
Anand	69	416	Balawa	XI	142
Anand	X	99	Balula	26, 63	290, 434
Anand	2	187	Balotra	XIII	199
Anand	2	197	Balamund	25	273
Anand	54	427	Balta	29	311
Anand	43	394	Bamanbor	18	235
Anand	IV	99	Bamort	78, 79	518, 519
Anand	VII	57	Banailga	77	311
Anand	XI	124	Bandy	40	380
Anand	60	450	Bandanwara	III	22
Anand	VII	62	Bandar Sinaldi	X	114
Anand	XI	120	Bandole	VI	47
Anand	8	223	Bandri	28	371
Anand	56	349	Bangom	11	217
Anand	III 97	7, 544	Bangra	VIII	87
Anand	34 77	341, 332	Banhangal	43	380

Atra	XI	Bankherf	XII	153	Bankherf	XII	153
Babal	XII	Banpur	XII	100	Banpur	XII	100
Babawara	54	Bansa	54	426	Bansa	54	426
Babina	39	Basol	39	574	Basol	39	574
Babra	43	Batal Kalan	43	410	Batal Kalan	43	410
Badanwara	55	Banthall	55	433	Banthall	55	433
Badela	63	Banuzar	63	479	Banuzar	63	479
Badhal	37, 67	Basla	37, 67	224, 471	Basla	37, 67	224, 471
Badeera	5	Basra	5	202	Basra	5	202
Badno	65	Basra	65	450	Basra	65	450
Baghara	XII	Basra	XII	102	Basra	XII	102
Bagadi	VII	Basra	VII	86	Basra	VII	86
Bagdara	21	Basra	21	247	Basra	21	247
Bagrod	26	Basra	26	353	Basra	26	353
Bagrod	76	Basra	76	607	Basra	76	607
Bagrod	36	Basra	36	353	Basra	36	353
Bagrod	XIII	Basra	XIII	173	Basra	XIII	173
Bagrod	22	Basra	22	207	Basra	22	207
Bagrod	26	Basra	26	276	Basra	26	276
Bagrod	5	Basra	5	203	Basra	5	203

[illegible]

Disinghpour or Pali	20	216	Chandas	.	.	.	.	VII	84
Dumakhera	37	337	Chandaval	.	.	.	.	X	110
Divasar	61	434	Chandetti	.	.	.	.	75	501
Dodra	VII	70	Chanderpur	.	.	.	.	44	400
Doltang	44	308	Chandhar	.	.	.	.	50	415
Doga	XI	138	Chandlora	.	.	.	8	XIII	179
Dohar	54	564	Chandol	.	.	.	.	17	225
Doral	43	528	Chandpur	.	.	.	.	29	505
Dorali	III	13	Chanjun	.	.	.	.	25	207
Dorandul	71	491	Chanou	.	.	.	.	XI	142
Doregon	88	561	Chappara	.	.	.	.	VI	45
Dorena	38	304	Chayra	.	.	.	.	XII	104
Doregon	III, 8, 29	104, 310	Charodi	.	.	.	.	IV	55
Dori	VI 88	45, 311	Chattril	.	.	.	.	XI	148
Doria Bethraji	26	275	Chaudhan or Chaudhan	.	.	.	.	XI	145
Dorkund	29	311	Chauman	.	.	.	.	68	475
Doria	43	393	Chaurai	.	.	.	.	62	527
Droach	X	88	Chayra	.	.	.	.	23	301
Duforwas	VIII	88	Cheptia	.	.	.	.	67	439
Dullal	47	409	Chhabagar	.	.	.	.	IV	31
Dutkar	88	485	Chhabra	.	.	.	.	XI, 23	152, 342

	77	811	Pawar				50
Chitralia		209	Dechhu	.	.	XI	147
Chitralid	20	570	Dewaa	.	.	X, 50	104 419
Chitragoon	84	423	Dabegam	.	.	25	274
Chitrawa	83	370	Dakam	.	.	26	244
Chitlora	78		Dakmalhera	.	.	76	707
Chitlogarth	III, 71	10, 40	Dakshahard	.	.	41	745
Chitrasad	49	415	Dakwa	.	.	25	271
Chikla	77	231	Daggarh	.	.	XI, 65	147, 431
Chikid	50	472	Dedhall	.	.	29	505
Chikri	67	142	Dedapap	.	.	VI	46
Chindalla	21		Dedli	.	.	XI, 70, 71	177 489, 492 217
Chir Malarna	28, 69	290, 4-4	Deopura	.	.	III, IV, 34	16, 93 363
Chorpura	IX	91	Dierl	.	.	27	295
Chota Kato	29	204	Dewari	.	.	23	259
Chota Udeyur	29	236	Dh. vizob	.	.	VIII, 50, 56	78, 317, 319 112
Chotila	13	256	Dewaa	.	.	20	
Chotu	23	256	Dhalda	.	.	20	451
Chuna	29	473	Dhabli	.	.	111, 72	9, 193
Chundara	67	459	Dhalgaon	.	.	8	293
Churu	62		Dhamangan	.	.	5	292
		304	Dhamok	.	.		

D

Chabhol

D—contd		Route	Page	D—contd		Route	Page
Dhamod	.	79	516	Donguria	.	10	214
Dhamole	.	71	491	Dola	.	18	186
Dhamlati	.	43, 66	520, 542	Dongargaon	.	VII	66
Dhanda	.	27	310	Dorke	.	II	150
Dhandulcha	.	21	247	Dowlat	.	VII	57
Dhanra	.	23, 24	255, 262	Dreg	.	VII	69
Dharled	.	II	275	Debba ka par	.	XIII	177
Dhanura	.	VI	42	Deletra	.	44	400
Dhanval	.	43	296	Dehl	.	III	234
Dhar (C. L.)	.	XII	169	Doda	.	X	115
Dhar (C. P.)	.	37	356	Dukraibera	.	II	287
Dharanpur	.	29	308	Dularia	.	XII	142
Dharasala	.	XI, 34	131, 343	Dulghat	.	III	8
Dharid	.	13	226	Dulmeta	.	59	417
Dhasan	.	45	410	Dundara	.	XIII	181
Dhertol	.	13	225	Dungagub	.	62	457
Dhodar	.	III	16	Dungau	.	28	259

	Route.	Page		Route.	Page.
<i>Q—contd.</i>					
Qachar	62	458	Qajher	25	269
Qaid	25	257	Qajm	VIII	75
Qairndrol	66	528	Qalgan]	VI, 40	53, 392
Qarabakda	III	125	Qana	39	372
Qashpur	36	352	Qanawad	XII	103
Qarwala	68	490	Qandosh	X	108
Qelashii	43	399	Qanga	25	258
Qelwar	II	122	Qand	32	850
Qilai	X	103	Qara	25	256
Qlana	56	425	Qarphamar	28	269
Qhang'ii	21	216	Qarsalb Daulo	25	266
Qhatiwahana	IV	91	Qarabao	VII	67
Qhat Wiazia	65	523	Qarurwara	31	292
Qhohwara	XII	152	Qwalior	IX, 38, 69	92, 377,
Qirwar	49	416	Qwarl	III	487
Qirwaco	11	220	Qysabal	11	305
Qroa	69	444			III

[illegible]

	Route.	Page.		Route.	Page.
II—contd.					
Mirapur	VI, 10	52, 552	Jeypur	X, 32-A, 68	110, 332, 475
Mirpur	88	528	Jhalar	III	224
Moshungated	XII, 37	161, 556	Jhalap	VII	70
Musodis	4	400	Jhalrapatan		321, 340, 362, 612, 64
			Jhamp	IV	84, 375, 403, 550, 558
			Jhamed	VII, 85, 74, 79	234, 262
Jehapur	87	543	Jharbhera	37	295, 433
Jhar	53	421	Jherda	23, 24	462
Jodhpur	VIII, XII, 20, 50	77, 158 317, 344	Jhildwara	27, 57	110
Jodhpur	111	62	Jhunjhuno	63	5
Jodhpur	23	261	Jhunta	X	III
Jodhpur	X	97	Jhuni bazaar	III	IV
Jodhpur	23	256	Jira	III	457
Jodhpur	VI	50	Jodhpur	III	141, 182, 442
Jodhpur	X	102	Jodhpur	XI, XIII, 57	107, 210
Jodhpur	XI, 21, 23	145, 259, 267	Jodhpur	4, 8	

		Route.	Page		Route.	Page.
K—contd.				K—contd.		
Kamalpur	22		225	Katol	2	189
Karasia	XII		156	Katra Mohard	XII	251
Karnad	24		297	Kattakop	44	402
Karnjode	VI, 2, 22, 315		46, 191, 315	Kaya	26	250
Kasar	31		224	Kufaras	29	456
Kasarn	XIII		760	Kolwa	55	431
Kantala	8		202	Korra	46	406
Kariri	VI		44	Keshod	20	242
Karoli	26		241	Khalhar	33	374
Karngach	III		2	Khalria	III	441
Kasjiri	24		297	Khalri	VI	43
Karja	76		207	Khalaghat	29	304
Karkarula	29		447	Khal Ghat	VIII	74
Katirji	27		437	Khangach	2	186
Karoli	XII		165	Khandwa	72	493
Karola	X		116	Khara	25	269
					76	502

Kanti	.	.	.	223	Kharin	.	.	.	XIII	174
Kausa	.	.	20	209	Kharai	.	.	.	64	415
Kacola	.	.	20	434	Kharo	.	.	.	62	416
Kapad	.	.	III	1	Kharwa	.	.	.	32	112
Karnaj	.	.	VII, 3, 4	60, 103	Kharwa'in	.	.	.	XII	165
Karnawa	.	.	VIII	200, 40	Kharwani	.	.	.	17	220
Karaul	.	.	62	4-5	Khowasa	.	.	.	31	44
Kapustalni	.	.	4	201	Kheja	.	.	.	23	272
Karnegon	.	.	12	223	Kherala	.	.	.	53	634
Karid	.	.	VII	74	Kheri	.	.	.	23	312
Karil	.	.	XII, 24	157, 167	Kherwa	.	.	.	24, 22,	274, 423
Karwa	.	.	VIII	23	Khirchpur	.	.	.	27	303
Karaja	.	.	4	116	Khimala	.	.	.	XI	116
Karpapur	.	.	40	240	Khitasa	.	.	.	15-A	503
Karnuar	.	.	III	20	Khorai	.	.	.	XII	167
Kastol	.	.	71	491	Khurampara	.	.	.	VIII	74
Kastura	.	.	29	446	Kholi	.	.	.	3	102
Katangal	.	.	VI	50	Kim Chanki	.	.	.	X	65
Katsjori	.	.	86	539	Khangani	.	.	.	35	245
Katheri	.	.	23	260	Kebhagath	.	.	.	X, 65	111, 603
Kathar	.	.	26	202	Kivari	.	.	.	54	427

K—road.		Route	Page	K—road.		Route	Page
Kodak	.	II	528	Kalgurh	.	53	419
Kohara	.	VIII	84	Kalitpur	.	34, 73, 76	372, 501, 509
Kojala	.	3	192	Kalouch	.	74	409
Konahare	.	23	534	Kamba	.	XI	161
Korcha	.	96	539	Kamba (bura)	.	69	481
Kotah	.	XI, 25	125, 223 244	Kangubaj	.	II	101
Kotah	.	26	539	Kanti	.	III	267
Kotra	.	54	427	Katela	.	XI	143
Kotra Pila	.	63	470	Katkhod	.	4	193
Kural	.	XI	192	Kasaria	.	70	469
Kusjagar	.	III	502	Kasma	.	XIII	177
Kulabada	.	X	101	Katari	.	77-A	513
Kushawan	.	64	467	Katib	.	XI	166
Kutera	.	711	25	Katli	.	XI	146
Kutari	.	III	146	Kawa	.	III	143
Kolarawa	.	19	413	Kupaur (see Chamaldi)	.	IV	5
Kairwar	.	34	234	Limtra	.	53	402

	89	207	Truhara .		XII, 24	172,500
Kobol						
Kokura	17	230	Lohatta		52	1011
Kot urmand	17	230	Lohana (Soyra)		62	410
Kundam	30	212	Longa		1	144
Kundanpur	XII	171	Long		331, 2	80, 722
Kandhall	XII	63	Leola		14	40
Kandla	31	224	Loyan		72	221
Kurall	XI	127	Lons		14	11
Kuriv	VI	47		X		
Kuribhys	21	622				
Kurna	26	541	Madhargath		11	221
Kurwal	XI	124	Magyna		66	467
Kurwa	18	235	Mahajyn		62	417
Kyewra	XII	153	Mahajur		23	260
			Mahajuram		VII	61
Lacharsar	62	454	Maharsajpur		11	363
Lahnadon	VI	49	Mahewa		11	210
Lakhol	VII	65	Malona		IX	61
Lakhtar	13	237	Mahron		75-A, 74	509, 316
Lakpuri	4	201	Mahryda		XII	173
Lakri	64	541	Mahsar		XII	151
Lalbourra	82	525	Majal		50	435

Route.	Page.	Route.	Page.	Route.	Page.
Maha	VI	Maha	517	Maha	VI
Maketta	VI	Maketta	42	Maketta	VI, 40
Makra	VI	Makra	378	Makra	VIII, 11
Makre	VIII	Makre	78	Makre	69
Makthara	X	Makthara	120	Makthara	VI, 79
Makthara	30	Makthara	376	Makthara	VI, 79
Makthara	VI	Makthara	54	Makthara	VI, 79
Makthara	61	Makthara	433	Makthara	VI, 79
Makthara	IV	Makthara	33	Makthara	VI, 79
Makthara	III	Makthara	2	Makthara	VI, 79
Makthara	33	Makthara	371	Makthara	VI, 79
Makthara	69	Makthara	444	Makthara	VI, 79
Makthara	2	Makthara	190	Makthara	VI, 79
Makthara	29, 77	Makthara	307, 310	Makthara	VI, 79
Makthara	20	Makthara	322	Makthara	VI, 79
Makthara	X	Makthara	105	Makthara	VI, 79
Makthara	63	Makthara	462	Makthara	VI, 79

Mandase	III, 51	10,327	Mhow	•	•	•	•	III, VIII,	11, 70
Mandisar	32	324	Mhowa	•	•	•	•	IV	407
Mandha	23	260	Mhagam	•	•	•	•	X	57
Mandla	45, 72	294, 494	Milana	•	•	•	•	74	406
Mandra	XI	127	Minsayara	•	•	•	•	24, 62	291, 484
Mandrel	63	493	Minar	•	•	•	•	26	281
Mandvi	46	403	Mir-lana	•	•	•	•	28	292
Mangawan	XII	149	Mirganj	•	•	•	•	XII	123
Mangurwar	■	231	Mirshapur	•	•	•	•	26	294
Mangliawas	III, X, XI 64	23, 112 139, 464	Mirrod	•	•	•	•	27	264
Mangud	XII	169	Mirshol	•	•	•	•	VIII	85
Mangrol Tir	VII	59	Mirras	•	•	•	•	XI	147
Manda	IX	93	Mogawra	•	•	•	•	X	122
Mandkhowk	■	204	Mohgaon	•	•	•	•	VI	47
Mangur	VIII, 33, 54, 56 49	78, 334 426, 541	Mohla	•	•	•	•	29	311
Mansa	•	•	Mohanyar	•	•	•	•	X	117
Maregon	4	196	Mokalar	•	•	•	•	69	447
Mara	XI	143	Molamperra	•	•	•	•	X	113
Marbhara	2	183	Molucison	•	•	•	•	XVI	8
Marwarl	6	205	Mokundara	•	•	•	•	■	322
Masturi	44	401	Momana	•	•	•	•	57	470
Masul's	55	473	Mori	•	•	•	•	69	492

		Route.	Page.		Route.	Page.
Mora	M--road.	III	24	Nandl	N--road.	III
Mord		2, 7	163, 207	Nanan		61
M--randa		21	232	Nandgaon Kas		6
Morvan		28	234	Nanleng		VII
Mish		31	232	Nandgaonpath		VII, 7
Mithl		37	207	Nandchit		42, 83
Moliasia		43	304	Nandisat		XII
Mount Abs		62, 54	417, 423	Nandol		17
Mow		70	485	Nandol		44
Mow Albert		77	203	Nandorla		17
Md		66	233	Narfer		23
Mdatura		VI, 40	52, 3-2	Narasat		29
Mdillard		21	216	Nara Bat		23
Md		19	236	Narand		XI
Mdsh		29	312	Narnand		63, 27
Mdian		23	203	Narindagath		VI, 37
Mdiana		27	206	Narindagayon		XII, 33, 81
						157, 277, 62

Mandali	Dist.	Area	Population	Revenue	Notes
Mandali	40	603	218	117, 51, XI, 15	
Mandali	III	50	117, 123, 171	15	
Mandali	42, 44	392, 403	470	63	
Mandali	22	251	72	VII	
Mandali	VI	60	219	50	
Mandali	4	200	479	74	
Mandali	XII	153	17, 247, 221	111, 20, 21	
Mandali	41, 42	340, 347	251, 252	23, 24	
Mandali			40	VI	
Mandali	X	92	296	56	
Mandali	20	244	164	XII	
Mandali	20	200	18, 222	111, 26	
Mandali	III	11	259	10	
Mandali	III	13	235	27	
Mandali	XI	140	453	61	
Mandali	11	220	203	■	
Mandali	VI, VII, 2	45, 63, 101	68, 345, 221	VIII, 40, ■	
Mandali	IV	22	61	VI	
Mandali	III, 20	18, 233	91	IX	
Mandali	IX	■	0		
Mandali	X	100	370	29	

—		Route.	Page.	—		Route.	Page.
O—round.				P—round.			
Owara	.	XII, 53	373, 550	Parnot	.	VI	45
Owre	.	54	360	Parotis	.	XI	126
	.			Parayur	.	39	366
	.			Patan	.	65	432
Pachar	.	VIII, 74, 75	50, 497, 500	Patanamangl	.	29, 33	915, 363
Pachmar	.	61, 42	308, 347	Pathan Dornagison	.	2	185
Pachia	.	30	212	Pathrod	.	2	187
Pachl	.	8	204	Patoli	.	33	331
Pagare	.	61, 42	348, 347	Patroda	.	37	356
Pachil	.	XII	163	Patoul	.	III, 2	6, 187
Pachari	.	69	447	Patur	.	III	3
Pacharn	.	X3	144	Pachit-Kanda	.	63	303
Pd	.	52	422	Pafua	.	27	III, 2
Pachayur	.	49, 53	615, 425	Pafila	.	IV	52
Pachaw	.	VIII	73	Pachalwa	.	69	417
Pachare	.	90	551	Pacholi	.	25	369
Pach	.	VII	59	Pachano	.	69	476

Tab	X. XII, 10, 07 20	100, 176, 210, 240 260	Yr hab	Yr hab	XI	149
Taba				Yr hab	49	414
Taba	8	200		Panpaleon	6	206
Taba	X	200		Panpaleon	75	490
Taba	82	200		Panpaleon	XII, 43	150, 307
Taba	XII	255		Panpaleon	24	260
Taba	XIII	350		Panpaleon	61	435
Taba	2	147		Panpaleon	20	210
Taba	43	202		Panpaleon	VII	58
Taba	8	211		Panpaleon	XII	153
Taba	24	264		Panpaleon	79	520
Taba	X	101		Panpaleon	111	24
Taba	XII, 91	17, 327		Panpaleon	29	300
Taba	67	475		Panpaleon	64	300
Taba	XII	170		Panpaleon	25	264
Taba	62	410		Panpaleon	62	420
Taba	67	428		Panpaleon	44	300
Taba	81	622		Panpaleon	112	29
Taba	VIII	81		Panpaleon	3	104
Taba	66	466		Panpaleon	64	531
Taba	19	241		Panpaleon	20	200
Taba	25	279		Panpaleon	25	270

		Route.	Page.		Route.	Page.
P—contd.						
Puar	.	53	255	Panaji	.	68
Purulia	.	65	535	Panaji	.	XI
R						
Rachnag	.	29	279	Ranjit	.	XII
Rachnagur	.	22	251	Ratnagar	.	26, 63
Rachnagur	.	XII	167	Ratnagar Randi	Abot	76
Rachnagur	.	26	253	Ratnagar	.	505
Rachnagur	.	IV	41	Ratnagar	.	37
Rachnagur	.	57	441	Ratnagar	.	IV
Rachnagur	.	XII	21	Ratnagar	.	XII
Rachnagur	.	VII, VII,	64, 150,	Ratnagar	.	57
Rachnagur	.	30, 43	221, 291	Ratnagar	.	X
Rachnagur	.	65	535	Ratnagar	.	27
Rachnagur	.	25, 62	279	Ratnagar	.	438
Rachnagur	.	XII	21	Ratnagar	.	XII, 11
Rachnagur	.	43	279	Ratnagar	.	19
Rachnagur	.	2	163	Ratnagar	.	37
Rachnagur	.	VII, 1	67, 163	Ratnagar	.	28
Rachnagur	.			Ratnagar	.	67, 68

Rajgarh	IX, 35, 37, 62	120, 346, 206, 452	Rehwa	.	.	.	56	427
Rajkot	18, 10, 48.	231, 241, 411.	Rejth	.	.	.	21	216
Rajnagar	■	450	Rekhal	.	.	.	3 III	■
Rajppla	17	229	Rekhal	.	.	.	■	229
Rajpur AH	29	306	Rekhal Mata	.	.	.	IV	22
Rajura	2	189	Ranjah	.	.	.	4, 8	107, 210
Rajwas	35	371	Ropal	.	.	.	69, 53	412, 453
Rakna	VIII	83	Ruphar	.	.	.	22	820
Rakhalakundi	17	229	Rurawan	.	.	.	40	291
Ramakona	35	244	Rutham	.	.	.	311, 29	24, 502
Ramadu	XI	141		.	.	.		
Ramgarh	X, 44, 74	122, 401, 457	Rabalgah	.	.	.	79	496
Rampoluga	44	309	Rachana	.	.	.	19	219
Rampur	XI, 31	120, 221	Sadalpur	.	.	.	III	12
Rampura	34, 60	239, 451	Saghara	.	.	.	17	220
Ramar	69	481	Saidpur	.	.	.	78	610
Ranala	17	231	Salo	.	.	.	23	272
Ranapur	XII	171	Sajjana	.	.	.	III	13
Ranawa	■	232	Sakoli	.	.	.	VII	63
Randa	60	452	Sakra	.	.	.	40	291
Rand Kheda	41	385	Sakrar	.	.	.	VIII	88
Ranpur	■	370	Salamatpur	.	.	.	36	351

		Route.	Page.		Route.	Page.
	S—contd.				S—contd.	
Palawa	.	XIII, 57	182, 441		Sarandee	29
Paliaro	.	78	505		Satanwara	IX
Palwara	.	10	213		Sattupada	III
Qanadida	.	45	411		Satlana	XIII
Qambalpur	.	46	398		Sattapur	XI
Qambalpur	.	67	471		Savoor	XI, 36, 38
Qambalpur	.	XIII, 50	181, 439		Savandi	124, 354, 370
Qambalpur	.	26	277		Sawa	6
Qambalpur	.	32	231		Sawalmeroda	27
Qambalpur	.	VII	69		Sawana	12
Qambalpur	.	25	345		Sawar	34
Qambalpur	.	19	258		Sawarpan	70
Qambalpur	.	III	10		Sawarpan	VII, 86
Qambalpur	.	21	263		Sawarshed	56, 540
Qambalpur	.	X, 24	107, 437		Schore	7
Qambalpur	.	23	346		Schombadonj	38
Qambalpur	.	22-A	332		Schombadonj	III
Qambalpur	.				Schombadonj	XI
Qambalpur	.				Schombadonj	124
Qambalpur	.				Schombadonj	432

	Route.	Fare.		Route.	Fare.	Page.
	Second.			Second.		
Batang	I	150	Bongkot	I	41	391
Bhanganon	VII	52	Bong	I	27	410
Bhodonpur	32 A	225	Bongach	I	118	319
Bhakar	IV	11	Bongbad	I	48	403
Bhadal	VII	50	Bongir	I	17	231
Bhalla	II	111	Bongal	I	78	516
Bhithpur	III	102	Bongala	I	77A	515
Bhawa	43	239	Bong Mahodpur	I	57	479
Bhawa	XII	111	Bongpur	I	VI, VIII, X	55, 58, 113
Bhawa	CS	477	Bongpur	I	53	363
Bhawal	CS	456	Bongpur	I	XII, 85	152, 535
Bhawal	CS	437	Bong	I	61	454
Bhawal	45	391	Bongam	I	27	252
Bhawal	XIII	169	Bongach	I	68, 63	462, 475
Bhawal	III	11	Bongar	I	11	309
Bhawal	III	450	Bong	I	11	111
Bhawal	III	463	Bong	I	VI	42

Singhara	VII	72	notana	.	.	.	63	463
Singoli	25	243	Sarkhi	.	.	.	89	069
Sincori	23	365	Sarodi	.	.	.	26	521
Sincrampur	VI	50	Sarpura	.	.	.	66	415
Sirai	VIII, 25	24, 247	Saruya	.	.	.	VIII	84
Sirdarpore	XII	170	Sarwala	.	.	.	6	201
Siragan	2	184	Sarwal	.	.	.	XII	119
Sirohi	X	108	Sarwal	.	.	.	63	452
Sirohi	XI, 26, 27, 28, 29	100, 206 50, 51 6, 50, 55	Sarwal	.	.	.	50	327
Sirpur	III, VII, 13	730	Sarwa	.	.	.	11	221
Sirwadi	26	730	Tajilwad	.	.	.	29	505
Sleada	XII	326	Tala Tula	.	.	.	62	422
Sitaman	43	269	Talaskipur	.	.	.	44	402
Sitanaoli	XII	154	Tal	.	.	.	25	431
Sitnabad	III	29	Talaja	.	.	.	47	403
Sobasar	XII	140	Talohat	.	.	.	23	373
Sobagi	XII	160	Talgram	.	.	.	VII, 2	62, 193
Sohada	VII	72	Taloda	.	.	.	37	231
Sohet	20	370	Tamla	.	.	.	41	295
Soljat	X	109	Tampl	.	.	.	21	203

		Route.	Page.		Route.	Page.
Y—contd.				U—contd.		
Yarila	.	55	537	Ujramar	.	27
Yarlada	.	I	97	Ujhalo	.	318
Yarab	.	67	404	Umarbhel	.	204
Yatruja	.	50	219	Umaris	.	527
Yatdi River	.	12	224	Umarpur	.	186
Yarila	.	3	102	Umarvada	.	96
Yarala	.	2	184	Umar	.	200, 314
Yaricail	.	43	301	Umar Kala	.	364
Yarab	.	XI	125	Utalja	.	102
Yarab River	.	XII	161	Utalda	.	223
Yarab	.	34	232	Utal	.	12, 163
Yarab	.	IX	93	Uman Kharu	.	469
Yarab	.	XIII	163	Uatbagon	.	444
Yarab	.	18	445	Uatpur	.	291
Yarab	.	XI	136	Uat	.	
Yarab	.	XIII	174	Yadagon	.	414
Yarab	.	XII	63	Yadara	.	421

Thabos	18	500	Vanthit	.	.	.	20	242
Thun Carlen	25	267	Varasara	.	.	.	18	233
Thun Phoe	25	206	Veelona	.	.	.	8	101
Tison	18	313	Vejalpur	.	.	.	28	204
Tigra	11	218	Veraval	.	.	.	20	212
Thakargadh Tehri	75, 75-A; 78	202, 204, 317	Vihai	.	.	.	28	219
Thalaha	18	305	Vishjora	.	.	.	23	254
Tudna	211	140	Vitransom of Viramanga	.	.	.	18	237
Turi	26	372	Virpur	.	.	.	14	233
Tula	271	170	Vismagar	.	.	.	42	413
Tulol	26	276		.	.	.		
Tonk	VIII, 32	54, 323		.	.	.		
Tramba	18	611	Wadhwan	.	.	.	18	236
Tumgson	VII	69	Wagoli	.	.	.	311	4
	.		Walragach	.	.	.	28	239
Uberlor	24	205	Walab	.	.	.	21	246
Udai	26	279	Walar	.	.	.	60	450
Udanca	11	203	Warar Bond	.	.	.	VII	87
Udepur	26	110	Warura	.	.	.	VI, 86	43, 537
Udhanla	XI	144	Wartel	.	.	.	21, 43	245, 409
Udonkheri	VIII	79	Wasad	.	.	.	IV, X	21, 94

—		Route.	Page.	—		Route.	Page.
W—cont.	W1174	.	.	.	.	Y	17
	W1175	.	.	.	.	.	229
	W1176	.	.	.	.	.	109, 109
	W1177	.	.	.	.	.
X		XII	175	Yol.	.	.	.
		IV	23	Yeastmal	.	.	.
		VI, 6	43, 105	Z	.	.	.

ROUTES IN THE 5th (MHOW) DIVISION.

ROUTE No. III.

FROM KANERGAON TO SISADA.

Length 810 m. 6 f.

75 Marches.

Authority and date (month and year)—Kanergaon to Patur, Lieut. Jenkins, 97th Infantry, March 1913; Patur to Burhanpur, Captain Chadwick, 104th Rifles, March 1914; Burhanpur to Barwaha, 2nd Lieut. Hanson, 6th Inniskilling Dragoons, February 1911; Mhow to Neemuch, 27th Light Cavalry, February 1911, Naurabad to Bikanir, Lieut. Kidd, R. F. A., January 1911; Bikanir to Sisada, Bikanir State Authorities, September 1913.

Epitome.—General direction N. N. W. From Kanergaon to Akot the road is metalled, and nalaa, with the exception of the Puran River, are either bridged or paved, in the latter case they are occasionally impassable for a few days after heavy rain; the Puran River (stage 8) is crossed by a flying bridge in the rains and by a temporary bridge from November onwards. Between Akot and Kaknur is a fair-weather track, running through hilly jungle from Jiri Bazar onwards; from Akot to Burhanpur the road is again metalled, the Tapti at Burhanpur being crossed by 2 boats (capacity 3 carts each) in the rains, and by a paved causeway from November onwards; the next

route (as far as Akot) forage is scarce, while in the latter stages from Dingu onwards the route is only fit for small bodies of men (200, about) owing to scarcity of water and fuel.

ACTION- TAKEN.		No. of stages and total distance.	ROUTE No. III.
Civil	Military.		
DEPUTY COMMISSIONER OF AKOLA, AKOLA.	RESIDENT AT HYDERABAD.		<p>KANERGAON.— A small village, b. p. o.</p> <p>Camping ground—70 acres E. of village, on right bank of Pranganga R.</p> <p>Water—Unlimited from river and 8 wells.</p> <p>Supplies—For 600 men.</p> <p>Fuel and grass—Nil</p> <p>From Fort St. George in 56 stages, distance 609 m. (see Vol. IX of 1912)</p>
		1	<p>BASIM—10m. 1/ Road metalled and bridged b. p. o. & c. A large place, headquarters of district</p>
		10 m. 4 fr.	<p>Camping Ground—About 48 acres N. of town, another S. of town.</p> <p>Water—About 200 wells altogether.</p> <p>Supplies—On notice.</p> <p>Main Route VII crosses and routes 2 and 3 join here.</p>
		2	<p>MALEGAON.—13m. Road metalled and bridged, b. p. o.</p>
GENERAL OFFICER COMMANDING SUBSISTENCE BRIGADE.		23 m. 4 fr.	<p>Camping Ground—6 acres, private, W. of village, can be extended.</p> <p>Water—14 wells.</p> <p>Supplies—On notice. No fodder locally.</p>
		3	<p>MEDSI—7m. 4 fr. Road metalled and bridged, b. p. o. & c.</p>
		31 m.	<p>Camping Ground—About 8 acres, E. of village.</p> <p>Water—10 wells.</p> <p>Supplies—On notice (about one month).</p> <p>Fodder—Scarce.</p>

ROUTE No. III.

AUTHORITIES.	No of stage and distance.	
Civil Supply.		
DEPUTY COMMISSIONER OF AKOLA, AKOLA. GENERAL OFFICER COMMANDING, JUMBHUPUR BRIGADE.	4	PATUR.—9 m. 4 f. Road metalled and bridged. b. p. o. l. s. A village of 5,500 with dispensary and police station.
	40 m. 4 f	Camping Ground —Round b. for one regiment. Water —One well in b. c. compound three more within 200 yds. Supplies —For one Indian Regiment, unlimited, at 1 month's notice. Ample fodder and grass.
	5	KAPSI.—10 m. Country cultivated, black cotton soil. Road metalled and bridged, up hill end good for 5 m. then level and rough. The village of Kapsi lies $\frac{1}{2}$ m. W. of the road. Camping Ground —About 3 acres, E. of road by 10 m. S. from Akola. Water —From 1 well near C. G. for 400 men and animals other wells in village. Supplies —From Akola at 1 month's notice.
	60 m. 4 f	AKOLA.—10 m. Country flat, cultivated, black b. p. o. l. s. r. s. cotton soil. Road metalled and bridged but rough, numerous wells by roadside. At 6 m. pass Govt. experimental farm to right; at 8 m. enter outskirts of Akola, at 9 m. cross river by bridge. A large town, population 35,000, civil station and Headquarters of district with dispensary (Civil Surgeon) and vety. hospital. European groceries obtainable. Camping Ground —About 21 acres, near station and bund low. Water —Two wells near C. G., an ancient in river 2 m. distant for animals. Supplies —Unlimited. Grass scarce and requires previous notice.

AUTHORITIES.		No. of stage and total distance.	ROUTE No. III.
Civil	Military.		
DEPUTY COMMISSIONER OF AKOLA, AKOLA.	GENERAL OFFICER COMMANDING, SUBBULPUR BRIGADE.	7	WAGOLI. —10 m. Country cultivated Road b. metalled, in very good repair. Irish bridges at nalas. Numerous wells along road. <i>Camping Ground.</i> —About 3 acres, S. of Puran R. by b. <i>Water.</i> —From Puran R. 300 yds distant, no well. <i>Supplies.</i> —At one month's notice from Akola.
		70 m. 4 f.	
		8	PATSUL. —10 m. Cross the Puran river at b. starting by a temporary bridge from the middle of November till June, by a flying bridge in the rains Road metalled and in good repair with Irish bridges at nalas Country flat, fully cultivated, black cotton soil. Patsul village with b lies 2 m. W. of road <i>Camping Ground.</i> —At the junction of the Akola and Shegaon roads by M. S. 20 from Akola, chiefly under plough <i>Water.</i> —One well, on C. G., others in village. <i>Supplies.</i> —At one month's notice from Akola. Minor route 2 joins here.
		80 m. 4 f.	
		9	AKOT. —8 m. A town of 5,000 inhabitants, b. p. o. & s. Headquarters of Tahsil, dispensary and vet. hospital Country and road as for last stage. Numerous wells by road side. <i>Camping Ground.</i> —Just W. of municipal bungalow and dak bungalow, for 2 regiments. <i>Water.</i> —Unlimited, one well on C. G., the in municipal bungalow compound, others near. <i>Supplies.</i> —On hand for one Indian regiment. Unlimited on notice.
		88 m. 4 f.	

ATTRIBUTES.		No. of stages and total distance.	ROUTE No. III.
Civil.	Military.		
DEPUTY COMMISSIONER OF MELGHAT.	DEPUTY COMMISSIONER AKOLA, AKOLA.		Minor route III to Ellichpur (4 marches) and Kamptee (15 marches) diverges here. A road also runs due N. through the Melghat to Hahsal (route 13); it is metalled for about 30 m., then a fair-weather track.
		10	JIRI BAZAR. —16 m. Country cultivated, black (Dinan Jiri on Ordinance cotton soil, well wood- Survey) ed, with numerous wells. Road a country track, level for 13 m. Gradual ascent last 3 m. At 3 m. Bannaoli; at
		1 m 4/.	Jiri Bazar consists of a dozen huts; Jiri, a small village here 1/2 m. W. <i>Camping Ground.</i> —200 yds. W. of Jiri Bazar; room for 2 regiments, more room when crops are cut <i>Water.</i> —Stream and well; small pond with perennial spring. <i>Supplies.</i> —Nil on hand. One month's notice required. Unlimited grass and fuel from jungle. Guides should be taken from here to Kaknor.
DEPUTY COMMISSIONER OF MELGHAT.	GENERAL OFFICER COMMANDING, JURNULPUR BRIGADE.	11	DULGHAT. —14 m. Country hilly with thick (Chok, on Ordinance Sur-jungle. Road, a clear- vey) ed and graded forest track, sandy in places. Ascend for 4 m. along edge of gorge, at 5 1/2 m. Baran nala, perennial;
		118 m 4/.	

AUTHORITIES		No. of stages and total distance	ROUTE No. III.
Civil	Military		
DEPUTY COMMISSIONER OF NIMAR AT BHANDWA. DEPUTY COMMISSIONER OF MEICHAET	GENERAL OFFICER COMMANDING, 5TH (MHOW) DIVISION.	12	BARAOTI — 8 m. Country fully with thick jungle. Road, a very rough track with steep
		125 m. 4 f.	<p>camping Ground. — For 1 lde. E. and S. of village. Water. — Nala just N. of village, and one well.</p> <p>Supplies. — Nil on hand. One month's notice required. Ample grass and firewood.</p>
		13	KAKNUR — 8½ m. Country jungle for 5 m., then flat and cultivated. Road, a very rough track at first, gradual descent all the way. At 2½ m. very bad approach to Barastarda village, at 3 m. Mohungar
		125 m.	<p>Supplies. — On hand for 200 Indian troops. One month's notice for larger quantities. Ample grass and firewood.</p>
		14	SIRPUR — 13 m. 2 f. Country flat, fully cultivated. Black cotton soil. Red retailed, talis pated. At 7½ m. Dats, at 6½ m. Kulkera, at 8 m. Dargaria; 10½ m. Tal o; at 11½ m. Sillavur.
		148 m. 2 f.	<p>Camping Ground. — For one Ind'y lde. along river; bank of river E. of Barastarda requires clearing.</p>

ROUTE No. III.

S. pylica.—On hand for 200 Indian troops. One month's notice for larger quantities. Grass and firewood from Kaknur.

15

159 m.

21

BURHANPUR—11 m Country flat, black cotton
b. p. o. t. s. r. s. soil. fully cultivated.

Road metalled, but rough, all other paved. Cross Tapi river at end of stage by paved causeway, November to June, by two boats (capacity 3 carts each) in rains. At 4 m Sinkhera; at 6 m Borgaon; at 5½ m. Daryapur.

Burhanpur has a population of 30,000 and is a large cotton centre with a dispensary and vet. hospital. The bungalow is in the Fort 1 m. E. of C. G. and the station is 2 m. W. of C. G.

Camping Ground—1 m. W. of town near Mussulman Idgah at junction of station and Bahadur road, room for 1 bldg.

Water.—Piped supply (abundant) with large stone trough.

Supplies.—Abundant. About 100 bunnias shops. About 50 cart-loads of grass and fuel respectively are brought into the bazar daily.

18

177 m.

ASIRGARH — 17 m 6 f. Country jungle.

Road very bad over heavy sand At 1 m. from S. H. station at 2 m. Horton, a suburb

AUTHORITIES

CIVIL
MILITARY.No
of
stage
and
total
distance

ROUTE No. III.

DEPUTY COMMISSIONER OF NIMAR AT KHANDWA. DEPUTY COMMISSIONER OF DULGHAT

GENERAL OFFICER COMMANDING, 5TH (MHOW) DIVISION.

12

126 m.
4 f.

BARAOTI.—8 m. Country hilly with thick jungle. Road, a very rough track with steep approaches to nalas; wheeled traffic takes about 5 hrs. on this march. At 2 m. cross Dulghat nala and sharp ascent for $\frac{1}{2}$ m.; at $3\frac{1}{2}$ m. Jam Pani nala (perennial)

age.

re-

13

125 m.

KAKNUR— $8\frac{1}{2}$ m. Country jungle for 5 m., b, p o. (4 times weekly). clearings at intervals, then flat and cultivated. Road, a very rough track at first, gradual descent all the way. At $2\frac{1}{2}$ m. very bad approach to Baratanda village, at 3 m. Mohingar

valent)

Supplies.—On hand for 200 Indian troops. One month's notice for larger quantities. Ample grass and firewood

14

148 m
2 f.

SIRPUR.—13 m 2 f. Country flat, fully cultivated, black cotton soil. Road metalled, nalas paved. At $3\frac{1}{2}$ m. Dhata, at $6\frac{1}{2}$ m. Karkera, at 8 m. Dhopuria; $10\frac{1}{2}$ m. Talao; at $11\frac{1}{2}$ m. Shikarpur.

Camping Ground—For one Infy. bde. along river; bank of river L. of bungalow requires clearing.

PROPERTIES

VE

ROUTE No. III.

MIL-
TARYNo.
of
squares
and
total
distance

DEPUTY COMMISSIONER OF NIMAR AT KHANDWA.

GENERAL OFFICER COMMANDING, 8TH (NIMAR) DIVISION

Water.—Urvakshi river (perennial), and 2 wells.*Supplies*—On hand for 200 Indian troops. One month's notice for larger quantities. Grass and firewood from Kakraur.

15

BURHANPUR—11 m Country flat, black cotton soil, fully cultivated.159 m.
2 /

Road metalled, but rough, all rails paved. Cross Tapti river at end of stage by paved causeway. November to June, by two boats (carrying 3 carts each) in rains. At 4 m Sinkhera, at 5 m Borgaon; at 5½ m. Daryapur.

Burhanpur has a population of 30,000 and is a large cotton centre with a dispensary and vet. hospital. The bungalow is in the Fort 1 m. E. of C G. and the station is 2 m. W. of C G.

Camping Ground—1 m. W. of town near Mussulman Idgah at junction of station and Bahadrapur roads, room for 1 bde.*Water*—Piped supply (abundant) with large stone trough*Supplies*—Abundant. About 100 bunnias shops. About 50 cart loads of grass and fuel respectively are brought into the bazar daily.

16

ASIRGARH—17 m 6 f Country jungle.

177 m.

Road very bad over heavy sand. At 1 m. pass Sindhipura gate, at 2 m. Borgaon, a suburb of Burhanpur, to left. At 4½ m. cross Utanli

AUTHORITIES

Civil Military.

No.
of
stage
and
total
distance.

ROUTE No. III.

DEPUTY COMMISSIONER OF NIMAR AT KHANDWA.

GENERAL OFFICER COMMANDING, 5TH (MISW) DIVISION.

17
188 m.
6 f.

at 8½ m. Jhuri; at 13½ m. road to Chandni; at 16 m. village of Asir.
A small village; Asirgarh Fort deserted.
Camping Ground.—1½ m. N. of village, no shade, waste land, demarcated
Water.—Bad.
Supplies.—Two shops; no transport available

BORGAON.—11 m. 6 f. At 2 ft. cross a nala, p.o., r.s. (DONGARGAON bridged; at 2 m. 3 f. 2½ m) cross Pandhar, 25 yds wide, bed muddy, banks easy, running water in dry season At 2 m 7 f. cross a small nala; bridged, bed muddy, banks wooded, at 4 m 8 f nala, bridged, stone arch 2 spans 20 ft., S. bank high rocky. N. bank easy approach, width 40 ft., at 5 m 6 f nala, bridged, banks wooded and rocky, bed rocky; at 6 m 5 f a well, at 8 m 5 f Pandu nala, sandy bed, banks wooded 25 ft. wide; at 10 m. Borgaon; at 11 m. 2 f. camping ground
Road for last 5 m. in good repair, otherwise jungle path and heavy sand. Dongargaon r s 3 m E
Camping Ground—59 acres between nala and Sukta river Civil property (Public Works Department)
Water.—From Sukta river and wells.
Supplies.—Available. Transport available.
Cross Route 29 Baroda to Kamptee.

18
202 m.
3 f.

MOKULGAON.—13 m. 5 f. At 2 m 4 f Kom-thia on right. At 2 m. 6 f. Bulrampur on left; at 3 m. made road to Khandwa, 11½ m. to N.-E.,

ACTIVITIES.

CIVIL

MILITARY.

No.
of
stages
and
total
distance.

ROUTE No. III.

RESIDENT AT INDORE. DEPUTY COMMISSIONER OF NIMAR AT KHANDWA.

GENERAL OFFICER COMMANDING, 5TH (MHOW) DIVISION.

19

210 m.
4½ f.

branches off to right; at 5 m. 4 f. Rustumpur; at 6 m. Piplod; at 8 m. cross road to Khandwa; at 9 m. 4 f. cross Abna river, bridged. A small village.

Camping Ground—30,800 sq yds. Civil property; there are boundary pillars.

Water.—From 5 wells 30 ft. to 45 ft. deep, nala and river.

Supplies.—Can be collected (abundant), transport available.

DHAISGAON.—8 m. 1½ f. At 2 f. cross Gangal river, bridged; at 2 m. ½ f. Chaisgaon-Makhr,

made road to Khandwa branches off to right (distance 9 m.)

Camping Ground—350 × 250 yds 4½ yds to S W. Civil property; there are boundary pillars.

Water.—From river and wells, one pucca. Small amount transport.

Supplies.—None available.

20

219 m.
6½ f.

DHORWA.—9 m. 2 f. At 3 ft. cross a branch of the Bakur river at 4 m. 4 f. Bosia; at

8 m. 2 f. short descent, Kudwaka ghat. A small village.

Camping Ground—95,000 sq. yds. 660 yds. N.-W. Civil property; there are boundary pillars.

Water.—Abundant; well on ground.

Supplies and transport. In small quantities; several shops.

AUTHORITIES,		No of stages and total distance.	ROUTE No. III.
Civil	Military		
RESIDENT AT INDORE.	GENERAL OFFICER COMMANDING, 5TH (CHOW) DIVISION.	21	SANAWAD—11 m. 3½/ At 3 m. 5 f. a short t.s., r.s. descent Burdewakro ghat, at 8 m. 1 f.
		231 m. 2 f.	Dhungaum. At 5 m. travellers (b); at 6 m.
			N.-W. not demarcated. Water — } Supplies — } 5 wells, abundant, transport available
		238 m. 6 f.	BARWAHA or BARWAI.—7 m. 4 f. At 3 m. b. p. o., t.s., r. s. 7 f. cross railroad; at 4 m. 2 f. road to Unkarji, branches off to right; at 4 m. 4 f. Mortaka (b) and railway, t.s. The old road to Barwai branches off here, at 4 m. 6 f. cross the Nerbada river. (Toll chaukis on S. and N. ends of bridge); at 5 m. 6 f. old road from Mortaka joins on right. A small town. Metalled road through hilly jungle. Camping Ground.—305 x 334 yds. 41 yds. W. Water.— } Abundant; a small quantity of Supplies — } carriage available.
		249 m. 2 f.	23 BULWARA (MUKHTIARA)—10 m. 4 f. Cross b. p. o., t.s., r.s. Mahesar and Mand- lesar road near p.o.; at 3 m. 1 ft. Bhakhal; at 3 m. 7 ft. Banjar; 8 m. 3 ft. Korawad.

ATTACHMENTS.

Civil

Military.

No.
of
stages
and
total
distance.

ROUTE No. III.

1ST ASST. TO THE A. & G. IN CENTRAL INDIA. RESIDENT AT INDORE.

GENERAL OFFICER COMMANDING, 5TH (MHOW) DIVISION.

24

261 m.
7 f.

A small village. (Mukhtiana r.s.)
Camping Ground.—5 acres, about $\frac{1}{2}$ m. N.
Water.—from 3 wells 37 ft. deep.
Supplies.—Available.

SINROL.—12 m. 5 f. At 1 m. 3 f. commences
 ascent of Bor or Bal-
 warika ghat, $3\frac{1}{2}$ f.
 long; at 5 m. 2 f. cross the Choral river
 (iron bridge), at 7 m. 3 f. commences ascent
 of Bhuti or Bhalaghat 3 f. long, at 8 m. Bavi;
 at 8 m. 7 f. cross Choreo nala (bridged); at
 9 m. 4 f. commences ascent to Simrol ghat;
 at 11 m. 7 f. top of ghat. The village of
 Simrol is about a mile to N.
Camping Ground.—300 x 300 yds. 1 m. S.
Water.—From well on C. G.
Supplies.—From Indore, Mhow or Balwar.
 Junction of Indore road.

25

272 m.
5 f.

MHOW.—10 m. 6 f. At 2 m. 6 f. pass Meradi;
 b., p. o., Ls., r. s. at 5 m. 8 f. Amba;
 at 8 m. 3 f. Sutar-
 kheri; at 9 m. 1 f. Guzarkhera.

A large cantonment, Headquarters of 5th
 (Mhow) Division.

From here cross Main Route VIII from Bombay
 (31 marches) to Agra (35 marches) and Main
 Route XII from Jubbulpur (31 marches) to
 Ahmedabad (21 marches.)

Camping Ground.—N. of British Cavalry lines.
 On race course.

Water.— } Abundant.
Supplies.— }

AUTHORITIES.

CIVIL.

MILITARY.

No.
of
stage
and
total
distance.

ROUTE No. III.

26

280 m.
1 f.

AKOLIA—7 m. 4 f. At 1 m. 2 f. cross the
b. Gambhir nala (bridged;
at 2 m. 1 f. pass Kam-
bars huts; at 4 m. Bhatkheri; at 4 m. 7 f.
Banjaria and Karaudia, at 6 m. 4 f. Pitampur,
country covered with low jungle. A small
village. A staging b.
Camping Ground.—460 yds N.-E.
Water.—A few wells.
Supplies.—A few shops.

27

290 m.
2 f.

UPRI.—10 m. 1 f. At 5 m. 3 f. Bagdam; at
b. 6 m. 1 f. Mandlaoda;
at 7 m. 5 f. Mitwara,
at 9 m. 6 f. Ghat Bilode, which is in Holkar's
territory. A metalled road runs from Ghat
Bilode to Indore, on Route VIII, distance 22
m. A few houses and huts; rest house for
native travellers.
Camping Ground.—70,500 sq. yds 60 yds. E.
on left bank of Chambal river.
Water.—Good, from Chambal river.
Supplies.—Scarce.

28

299 m.
5 f.

SADALPUR.—9 m. 3 f. At 1 m. 7 f. pass
b. Paukheri; at 3 m. 4 f.
Route XII branches
small village.
Camping Ground.—366×266 yds. 70 yds. S E.
Water.—From Bagri nala and well on ground
Supplies.—Scarce.

POLITICAL AGENT, SOUTHERN STATES OF CENTRAL INDIA, AT MAMPUR.

GENERAL OFFICER COMMANDING, 8TH (GHOW) DIVISION.

ATTENDANCE		No. of stage and total distance.	ROUTE No. III.	
CIVIL	MILITARY			
POLITICAL AGENT IN MALWA, AT NEEMUCH.	POLITICAL AGENT SOUTHERN STATES OF CENTRAL INDIA AT BANGUR.	GENERAL OFFICER COMMANDING 5TH (MHOW) DIVISION.	29	NAGDA.—9 m. 4 f. At 4 m. cross the Bagri p.a. nala (bridged) and pass Juada; at 1 m. Sagarra; at 2 m. 2 f. Misauda; at 4 m. 6 f. Kherod; a large village; at 6 m. 15 f. Manasa, a large village; at 9 m. 1 f. Makim. A small village. Camping Ground.—400 yds. N.-E. Dhar State property. 450×225 Sq. yds. Water.—From Chambal river. Supplies.—Bazar on Mondays.
			309 m. 1 f.	
			80	BORALI.—11 m. At 2 f. cross Chambal river (bridged); at 2 m. 3 f. pass Sanoli; a small village. Camping Ground.—6 acres, Dhar State property, with boundary pillars. Water.—A few wells and a tank with little water. Supplies.—Scarce, small amount of transport available.
POLITICAL AGENT IN MALWA, AT NEEMUCH.			320 m. 1 f.	
			31	SAJLANA.—10 m. 5 f. At 1 m. 8 f. Godgara; at 4 m. Patgara; cross the Balwunti river (bridged); at 5 m. 3 f. Badnawar, a large village with a bazaar and weekly markets; at 9 m. 2 f. Multhan, a large village with a Bazar. A small village.
			330 m. 6 f.	

AUTHORITIES.		No. of stage and total distance	ROUTE No. III.
Civil.	Military.		
POLITICAL AGENT IN MALWA, AT NEEMUCH. GENERAL OFFICER COMMANDING, 5TH (MHOW) DIVISION.			<p><i>Camping Ground.</i>—3 acres, 960 yds. S.-W. private property; there are boundary pillars.</p> <p><i>Water.</i>—From 3 wells, 30 ft. deep.</p> <p><i>Supplies.</i>—Scarce; 1 shop.</p> <p><i>Fuel.</i>—Grass.</p> <p><i>Fodder.</i>—Wood. } Obtainable.</p>
		32	<p>BHILPAUK.—10 m. 2 f. At 1 m. 1½ f. pass Simloda; at 2 m. 3 f. Khery; at 4 m. 5 f. Lochlari; at 5 m. 7 f. Tindori; at 6 m. 6 f. Sarwar. A village 7 f. on the right. The village of Siklia 6 f. on the left.</p>
		341 m.	<p><i>Camping Ground.</i>—400×300 yds. 1,250 yds. W.</p> <p><i>Water.</i>—From nala and well on C. G.</p> <p><i>Supplies.</i>—Few shops.</p>
		33	<p>RUTLAM.—9 m. 5 f. At 2 m. 5 f. Dharar; at p. o., l. s., r. s. 7 m. 3 f. Salakheri, 3 f. on the right, boundary open. A large town, population 30,000 about a mile to left, residence of Raja.</p>
		350 m. 5 f.	<p><i>Camping Ground.</i>—350×250 yds. N. near travellers b., demarcated.</p> <p><i>Water.</i>—Abundant, depth of well 25 ft.</p> <p><i>Supplies.</i>—Abundant. Transport available.</p> <p>Junction of the metre gauge and broad gauge lines of Bombay, Baroda and Central India Railway. From Mhow to Nasirabad and from Baroda to Muttra.</p> <p>Route 28 branches off to S.-W. to Baroda (16 marches), or to Ahmedabad (18 marches).</p>

ACTIVITIES.

Civ. MILITARY

No.
of
stage
and
total
distance

ROUTE No. III.

34

339 m.
5 f.

NAMLI—9 m. Pass villages of Dargaon and
f. s. r. s. Sejanta (on right),
Dhoswa on right bank
of large nala, unbridged, and Ambta 2 f. on
left.

A moderate-sized village, a metalled road
branches off from Namli to the W. to
Sailana, 11 m.

Camping Ground—530×200 yds. N., property
of Rutlam State. There are boundary
pillars.

Water—Several wells.

Supplies.—Several shops.

35

372 m
5 f.

JAORA—13 m. At 2 m. 5 f. Mewara (left bank
b. p o. f. s. r. s. of Gungarta nala);
at 4 m. 2 f. Murul
river 100 yard wide, banks high, bed stony;
at 5 m. 3 f. Pardha-Hassan (right bank of
large nala); at 9 m. Padha-Omat, 2 f. left;
at 10 m. 1 f. Lohari, 2 f. right; at 11 m. 6 f.
Kumari; at 12 m. 3 f. Rannakheri, 2 f. left,
and at 12 m. 6 f. cross Piria river, 100 ft wide.

A metalled road branches off from Jaora
station to the W. to Pipplada 11 m., a town
on Piria river; population 21,000. About
½ m. on right, residence of Nawab.

Camping Ground.—300×250 sq yds N., private
property Not demarcated.

Water.—Abundant from 4 wells 15 to 30 ft.
deep

Supplies.—Abundant. Small amount of trans-
port available.

POLITICAL AGENT IN MALWA, AT KERNULCH.

GENERAL OFFICER COMMANDING, 6TH (MHOW) DIVISION.

ROUTE No. III.

AUTHORITIES		No. of stage and total distance.	
Civil.	Military.		
RESIDENT AT GWALIOR.	GENERAL OFFICER COMMANDING, 5TH (MHOW) DIVISION.	36	DHODAR —9 m. 3 f. At 2 m 4 f. Arnia village b., l. s., r. s., of Bagakhera, 2 f. right; at 5 m. 4 f. Cross Bbutia nala, at 5 m. 11 f. Rinchla. A small village.
		382 m.	Camping Ground.—400×300 yds, 560 yds. N-W, property of Jaora State. Water—Scarce in March, enough for 1 Battery, in a well and nala. Supplies—Small amount of supplies and transport available.
		37	BURRA-DILAUDA .—10 m. 4 f. At 2 m. Mand., l. s., r. s. Kheri; at 6 m 5 f. Aka on right; at 8 m. 6 f. Lak Makheri 2 f. left. A small village.
		392 m. 4 f.	Camping Ground—840 yds N. with 12 boundaries.
		38	MANDESOR —10 m. 1 f. At 4 m 3 f. Fatehgarh, b., p. o., l. s., r. s. on right bank of Samli nala 200 ft. wide; at 6 m. 6 f. Khora 1 f. on right; at 9 m 2 f. Chandarpura on left, at 9 m. 4 f. Tori on left, and cross Seu river (bridged). A large walled town, partly built on an island in Seu or Subna river.
		402 m. 5 f.	Camping Ground.—75,600 sq. yds. N. 825 yds. near Rampura. The property of Gwalior State; 12 boundary pillars. Water.—Abundant; one well 75 ft. deep. Supplies.—Abundant; transport available.

ATTRIBUTES		No. of stage and total distance	ROUTE No. III.
Col.	Sta. dist.		
POLITICAL AGENT IN MALWA, AT NEEMUCH	RESIDENT AT CHANDIA		
GENERAL OFFICER (COMMANDING, 6TH (MHOW) DIVISION.		39	PANTH PIPLIA. —10 m. 3 f. At 3 m. 4 f. Bhanika, b., r. c.
		413 m	At 5½ m village of Guraris 3 f on left; at 7 m 1 f Botalcanj, at 8 m 1 f Tharaud 3 f on right; at 10 m 1 f Hontri, 2 f. on left. A small village. Campary Ground.—100 x 300 yds., 400 ois S.W., property of Gashor State; 12 boundary pillars. A letter place near village of Rai, 3 m. S.W. from Panth-Piplia road, with shade and plenty of space. Water.—Good from 1 well, 20 ft. deep. Supplies.—Nil.
		40	CHALDU —10 m. 3 f. Pass villages of Khotiahhri, Barkhora, Immotod, Salauri
		423 m 3 f	(3 f left) and Malhargarh (large village surrounded by kacha wall in bad repair, travellers, detachment of sowars here and Mohia); 10 m. cross Rotam river, Chalku. Country open. A small village Campary Ground—400 x 300 yds 407 yds. N. E. Water—From Rotam river, and wells Supplies.—Few shops. All supplies are brought from Jiram, 3 m. distant. Forage—Plenty.
		41	NEEMUCH. —11 m. 7 f. At 1 m. 6 f. Arkia b., p.o., l.a., r.s.
		435 m. 2 f.	At 1 m. 6 f. Arkia nali. Pass villages of Kasari (3 f. left), Bhatkhera, Jammunia, (b.), and Singoria; country open. A large cantonment.

AUTHORITIES.		No. of stages and total distance	ROUTE No. III.	
Civil	Military.			
RESIDENT OF HEWAR, UDEPUR.	GENERAL OFFICER COMMANDING, NASIRABAD BRIGADE.		N.E. of Private property. <i>Dehalsawa</i> .	
		42	Water.— } Abundant. Supply.— }	
		444 m 4 f.	<p>NAIAGAON.—9 m. 2 f. At 1 m. 1 f. pass r. s. (at KESKAURA) Kanauti; at 1 m. 2 f. road from town of Neomuch joins; at 2 m. 4 f. Dungleauda; at 4 m. 2 f. Sangrana; at 5 m. 4 f. the village of Kaudkau to right. Country open. Cross 11 small and 1 large nalas in this march. A large village.</p> <p>Camping Ground.—127,000 sq. yds. about 210 yds. S</p> <p>Water.—Nine wells, 40 ft. deep.</p> <p>Supply.—Scarcely any locally. Transport available.</p>	
		43	<p>NIMBAHERA—7 m. 2 f. At 4 m. 2 f. pass b. p o, t s., r. s. Jahan and Piprian on the right; at 6 m. Kallangura and cross the Kadmah river, 66 yds. wide, bed sandy, banks high, fordable a day or so after heavy rain. The road from here is made, but unmetalled. A walked town.</p> <p>Camping Ground.—105,000 sq. yds. N., close to D. B., made-road to Udepur branches off to left.</p> <p>Water.—Twelve wells, 32 ft. deep</p> <p>Supply.—Large bazar and transport available.</p>	
		451 m. 6 f.		

ROUTE No. III.

AUTHORITIES.

No.
of
stages
or
total
distance.

CIVIL. MILITARY.

44

461 m.

SATKUNDA.—9 m. 2 f. At 2 m. 4 f. pass
r. s. (SHAKTIPURA). Alurpara; 5 m. 3 f.
Mangrol; at 6 m. 7 f.

Rauls, at 7 m. 4 f. cross the Satkunda river, to
Rauls, about 2 f. to left; the river is 100
yds. wide, bed rocky, banks low, fordable in
day or so after heavy rain.

Country open, with thin low jungle in parts.
A village on right bank of Satkunda river about
5 f. to the right.

Camping Ground.—370 × 360 yds. on left bank.

Water.—From river and 19 wells, 30 ft. deep.

Supply.—Plentiful, many shops.

45

471 m.

2 f.

CHITORGARH—10 m. 2 f. At 2 m. 7 f. pass
b, p o, t s, r s Arnia; at 4 m. 2 f.

Jalampura; at 9 m. 4½

f. Khera. A walled town about 1 m. to,
right, commanded by a hill fort. about 3 m.
in length, and ½ m. in breadth, but in a dilap-
idated state

Camping Ground.—330 × 168 yds. on left of
road

Water.—From Gameri and Berach rivers.

Supplies.—Abundant, small amount of trans-
port available.

46

483 m.

GANGAR.—11 m. 6 f. At 1. 6 f. pass Man-
t s, r. s. pura, whence branches

of a path to Melwasa;

at 2 m. 2 f. Sildi to the right, at 3 m. 2 f.

RESIDENT OF MEWAR UDEPUR.

GENERAL OFFICER COMMANDING, NASIRABAD BRIGADE

AUTHORITIES		No. of stage and total distance	ROUTE No. III.
Civil	Military		
RESIDENT AT MEWAR, UDEPUH.	GENERAL OFFICER COMMANDING, NAIKIRABAD BRIGADE.		<p>A small village, commanded by a hill fort in bad repair, about 6 f. to left of road.</p> <p>Camping Ground.—360 × 170 yds. on right.</p> <p>Water.— } Plentiful.</p> <p>Supplies.— } </p> <p>Fuel — } Scarce</p> <p>Forage.— } </p>
		47	<p>HAMIRGARH—9 m. 4 f. At 2 m 2 f. pass b. p. o. l. s. r. a. Jhojra Khera; at 8 m. 1 f. Tagatpura to left. Country covered with thick jungle; cultivated above the village.</p> <p>A large walled village, commanded by a hill fort in good repair, overlooking a large tank.</p> <p>Camping Ground—300 × 250 yds. S. and near village.</p> <p>Water.—From tanks and 7 wells, 60 ft. deep.</p> <p>Supplies.—Abundant, market on Sunday, small amount of transport available</p>
		492 m. 4 f.	
		48	<p>BHILWARA.—11 m. 7 f. At 1 m 7 f. cross b. p. o. l. s. r. a. the Banas river, fordable except in rains, 400 yds. wide, bed sandy, banks low; at 5 m. 1 f. pass Gauri. Country open; cross several <i>nakas</i> in this stage. A walled town about 5 f. to right.</p>
		504 m. 8 f.	<p>port available.</p>

ROUTE No. III.

ATTENDANTS.		No of stages and total distance	
Civil	Military		
RESIDENT OF NEWAR, OFFICER GENERAL OFFICER COMMANDING, NAGIRABAD BRIGADE.		49	RAISINGPURA —9 m. At 1 m 4 f. cross the dry sandy bed of Katar river, about 300 yds. wide, with low banks, at 2 m 2 f. Sanganer; at 5 m 2 f. Chapri; at 8 m 0 f. Richiri. Country covered with low bushes. A small village. <i>Camping Ground</i> —410×266 yds. about 200 yds. E and to the right of road. <i>Water</i> —Several good wells, depth 15 ft. ½ m. away; one close to C. <i>Supplies</i> —None local, but procurable from Mandi, 3½ m. S.W.
		513 m. 3 f.	
		50	RAILA .—11 m. 7 f. At 5 m. 7 f. village of Dora; at 8 m. 3 f. pass Lamia (r.s.) to left; and Kapikhera; at 9 m. Lamia to right; at 11 m. 1 f. cross railway. In this march cross 13 nalas, all bridged. Country open and covered with bushes and low jungle. Cultivation only near the villages. A walled village. <i>Camping Ground</i> .—260×262 yds. bad and has only one well with poor supply. There is a much better place ½ m. on the road near village. <i>Water</i> —One well, with bad supply. At farther camping ground good water and a trough for horses. <i>Supplies</i> .—Small bazar.
		525 m. 2 f.	
		51	GODHAJI-KA-KHERA —0 m. 2 f. At 4 m. b. ½ f. pass Sanseri r.s. ½ fr. right. Pass villages of Sanodia, 1 f. right, Kuhra to left; at
		534 m. 4.	

ROUTE No. III.

AUTHORITIES		No of stages and total distance	
Civil.	Military.		
ASSISTANT COMMISSIONER, AJMER. GENERAL OFFICER COMMANDING, NASIRABAD BRIGADE.			9 m. 1 f. cross Mansi river (unbridged), 86 yds. wide, bed sandy and rocky, banks high. In this stage cross many small nalas, all bridged. Country open with light jungle. A small village. <i>Camping Ground.</i> —430 yds on N. bank of Mansi river. <i>Water.</i> —From few wells and Mansi river. <i>Supplies.</i> —Nil.
		52	BARL —10 m. 4 f. At 8 m. 6 f. village of b., l., s., r. s. Sajangarh on right, and Lama on left, at 9 m 7 f. Khari river 330 yds wide, heavy for carts; bank low, bed sandy. This river is the boundary between British and Mewar territory; Barl is a village belonging to Masuda, the richest estate in the district and is situated on the N. bank of the river Khari, the crossing of which is a work of considerable difficulty to the troops, as there is no bridge, and the bed of river is composed of loose sand. <i>Camping Ground.</i> —374 x 264 yds E. of road. <i>Water.</i> —From a number of wells. <i>Supplies.</i> —Notice required for grain, grass, fuel, carts, sheep; no goats. Oxen killing forbidden.
		545 m	
		53	
		560 m.	BANDANWARA. —15 m. At 11 m. 6 f. village of Gola on right, at 9 m. 6 f. cross rail-road; at 10 m. 5 f. road to Bhinal; cross several nalas, all bridged. Country open with low bushes.

ROUTE No. III.

AUTHORITIES.		No. of stage and total distance	
Civil.	Military.		
3	ASSISTANT COMMISSIONER, AJMER	GENERAL OFFICER COMMANDING, NASIRABAD BRIGADE	<p>A moderate-sized village <i>Camping Ground</i>—400 x 240 yds. good, 900 yds. S. and E. of r. s. Road from r. s. to village runs through <i>camping ground</i> which belongs to private individuals. There are boundary pillars <i>Water</i>—Abundant from wells. <i>Supplies</i>—Abundant.</p>
			<p>54 NASIRABAD.—12 m. 3 f. At 2 m. 5 f. b., p. o., t. s., r. s. Bhairu-Khera, 1 f. to right of road, cross Dam river, by bridge; at 5 m. 5 f. pass Jhurwasa, at 7 m. 3 f. on rising ground a site for Chobra camp; short distance right of road, at 9 m. 4 f. Jagpura, at 10 m. 4 f. cantonment boundary, at 11 m. 3 f. race stand and branch road to Suddar Bazar. In this stage cross several nalas, all bridged. Country open and cultivated. A large cantonment <i>Camping Ground</i>.—Belongs to private individuals; no boundary pillars. <i>Water</i>.— } <i>Supplies</i>— } Abundant.</p>
			<p>55 MANGLIAWAS—15 m At 2 m 8 f. cross b., t. s., r. s. a nala; at 4 m 5 f. pass Bhawanikhera, at 7 m. road to Ajmer on left. at 7 m. 3 f. Blatur, at 8 m. 1 f. Pachmta. A small village Road a fair-weather track. <i>Camping Ground</i>—Under military authorities 180 yds. N.-E. <i>Water</i>.—Two wells 6 ft. deep.</p>

AUTHORITIES		No. of stage and total distance.	ROUTE No. III.
Civil	Military.		
ASSISTANT COMMISSIONER, AJMER.	GENERAL OFFICER COMMANDING, NASIRABAD BRIGADE.		<p><i>Supplies.</i>—Abundant; small amount of transport available.</p> <p><i>Grazing</i>—Scarce, and bad in dry season.</p>
		56	<p>PISANGAON.—11 m. 4 f. At 1 m. cross railway line (Rajputana-Malwa Railway); at 3 m. pass Khara; at 8 m. 6 f. Kalesaria. Cross several nalas in the stage. Country hilly and partly cultivated. A large village.</p> <p><i>Camping Ground</i>—N.W. demarcated, private property.</p> <p><i>Water.</i>—Abundant from Sagarmat river</p> <p><i>Supplies.</i>—Abundant.</p>
		598 m. 7 f.	
		57	<p>REAH—13 m. 2 f. At 3 m. 6 f. enter Jodhpur State, at 7 m. 2 f. Bhajathal; at 9 m. 6 f. Lungia; at 10 m. 3 f. cross Sarsut river, fordable except in rains. Country partly hilly and partly cultivated. A village; population 3,500.</p> <p><i>Camping Ground.</i>—N. private property. Demarcated.</p> <p><i>Water.</i>—Few wells; abundant.</p> <p><i>Supplies.</i>—Abundant.</p>
		612 m. 1 f.	
		58	<p>MORA.—13 m. 3 f. At 1 mile 6 f. pass Khara at 3 m. 6 f. Mankiawas; at 6 m. 3 f. Jias; at 8 m. 6 f. Gowari; at 9 m. 3 f. Dholera (K) at 12 m. Dholera (B). Country sandy and desert. A moderate-sized village.</p>
		625 m.	

AUTHORITIES.		No. of stage and total distance.	ROUTE No. III.
Civil	Military		
RESIDENT ■ JUDPUTANA STATES, AM JODHPUR.	GENERAL OFFICER COMMANDING, NASHIKHABAD BRIGADE.		<p><i>Camping Ground</i>—About 100 yds S.-E, private property, no boundary pillars. <i>Water</i>.—Few wells <i>Supplies</i>.—On notice.</p>
		59	<p>REN—6 m 2 f. At 1 m. 5f. pass Pirapura. <i>ls, ps, po.</i> Country open and cultivated (partly). A large village; population 2,000.</p>
		631 m. 6 f.	<p><i>Camping Ground</i>—N.-E. and near village; private property, no boundary pillars. <i>Water</i>—A tank and many wells. <i>Supplies</i>.—Large Lazar.</p>
		60	<p>BUTETI—10 m 4 f. At 4 f cross railway line (Jodhpur-Bikaner Railway), near Ren station; at 6 m 2 f pass Rajod. Country undulating, and covered with bush jungle. A large village.</p>
		642 m 2 f	<p><i>Camping Ground</i>—About 300 yds. N; private property, no boundary pillars. <i>Water</i>—From a few wells and a tank. <i>Supplies</i>—On notice. For 200 men.</p>
		61	<p>KUCHERA.—7 m. At 2 m 4 f pass Sinlas. <i>po, ts.</i> Country as above; a large village.</p>
		649 m. 2 f	<p><i>Camping Grounds</i>—N.-W. and near village; private property, no boundary pillars. <i>Water</i>.— <i>Supply.</i> } Plentiful</p>

AUTHORITIES

CIVIL.

MILITARY.

No
of
stage
and
total
distance.

ROUTE No. III.

RESIDENT, RAJPUTANA STATES, AT JODHPUR.

GENERAL OFFICER COMMANDING, NASHIKHABAD BRIGADE.

62

661 m.
2 f.MUNDWA—12 m. At 2 m. pass Pirozpora;
p.o., l.s., r.s., at 4 m. Gotra; at 7
m. ■ f. BhandinaCountry as above. A large village; popula-
tion 7,000.Camping Ground—300 yds N.W. near r.s.
State property, no boundary pillars.

Water—Tanks and wells; abundant.

Supply—Abundant

63

672 m.
3 f.NAGAUR—11 m 1 f. At 5 m. 5 f. pass Dad-
p.o., r.s., l.s., hwas; at 7 m. 3 f.Tansar Country as
above. Road unmetalled, sandy. A large
walled townCamping Ground—N and N.W. of r.s. State
property No boundary pillars.

Water—Few tanks and many wells.

Supply—Abundant.

64

681 m.
3 f.ALAI—12 m. At 5 f. cross railway line, at 4
l.s., r.s. m. pass Balwa; at 8
m 5 f. Barni. Coun-
try sandy and well cultivated. Road from
here only camel track. A large village.Camping Ground—N near r.s. State property.
No boundary pillars.

Water—From a tank and 3 wells, abundant.

Supply—Plentiful.

65

691 m.
5 f.BHAGU.—7 m. 2 f. Cross the railway line (J.
r.s., l.s., p.o. (all 1 m) B. R.) at ■ f.from village country
desert.

A large village.

AUTHORITIES.		No. of stage and total distance	ROUTE No. III.
Civil	Military		
F. A., BIKANER, AT BIKANER.	RESIDENT, RAJPUTANA STATES, AT JODHPUR.	GENERAL OFFICER COMMANDING, NASHIKHABAD BRIGADE.	<p><i>Camping Ground.</i>—W. and right of the road to Bhujpur r. s. State property, not demarcated. <i>Water.</i>—From a tank and well. <i>Supplies.</i>—For 200 men.</p>
			<p>66 BIKASAR —12 m. 2 f. Enter Bikaner State r. s. at 2 m., at 3½ m. cross ry. (J. B.): at 5½ m.</p>
			<p>703 m. 7 f. Charkara road, a sandy cart-track from here onwards. Country as above. A small village of 60 inhabitants. <i>Camping Ground.</i>—About 200 yds. E. near r. s. private property, not demarcated. <i>Water</i>—From a well <i>Supplies.</i>—On notice. } For 200 men.</p>
			<p>67 RASISAR —13 m. Country as above. r. s. At 2 m. Nakha; at 10½ m. Parwo, from where a cart-track branches to Surpara. A small village. <i>Camping Ground</i>—N. near village. State property, not demarcated <i>Water</i>—From 3 wells, for 200 men. <i>Supplies</i>—For 200 men.</p>
			<p>68 UDRAMSAR —13 m. Country as above. At 3½ m. Dush Nok (with b, p o., t. s. r. s.), at 8 m. Suptasar from where cart-road to Gugasar r. s., branches, off. A large village. <i>Camping Ground</i>—About 200 yds. S. near a temple. State property, not demarcated. <i>Water.</i>—From 2 wells and a tank. <i>Supplies</i>—Abundant.</p>
			<p>719 m. 7 f.</p>

AUTHORITIES.

Civil Military.

No.
of
stage
and
total
distance.

ROUTE No. III.

F. A. BIKANER, BIKANER.
GENERAL OFFICER COMMANDING, KASIRABAD BRIGADE.

69

734 m.
7 f.

BIKANER.—5 m. Country as above. At 3
d., p. o., t. s., r. s. m. Bhinasar and Kasiradesar.

A large town and palace, capital of Bikaner State. The city is defended by a well built masonry wall. The State has about 30 serviceable guns, some of large calibre.

Camping Ground—About 400 yds. S. of r. s., State property, not demarcated.

Water.—

Supplies.— } Abundant

70

744 m.

SOBASAR—0 m. 1 f. Country partly open, partly small sandhills.

Pass through water troughs at 4 m. 4½ m. and 5 m. respectively.

A small village.

Camping Ground.—Site N.W. near village.

Water.—Slightly brackish.

Supplies.—On notice; two months required 1,000 rations.

71

753 m.
0 f.

MERASAR.—0 m. Country as before.
Road a camel track through sandhills

not passable for carts.

At 2½ m. a small tank to right; at 5½ m. Badarasar.

Camping Ground.—Site N.W. near village, and 1-ft side of road, State property, not demarcated.

Water.—Brackish.

Supplies.—Nil. Notice as above.

AUTHORITIES.

CIVIL.

MILITARY.

No
of
miles
and
total
distance.

ROUTE No. III.

72

KARNISAR.—10 m. $\frac{3}{4}$ f. Country jungle-covered, and studded with sandhills.

763 m.
2 f.

Road as above.

At $4\frac{1}{2}$ m. Abrasar, at 5 m. Dinsar, 1 f. to right.

A small village.

Camping Ground.—About 50 yds. N., State property, not demarcated.

Water.—Brackish.

Supplies.—On notice as above.

73

PUGAL.—18 m. 2 f. Country as above.

At 4 m. Bhanathala, about 1 m.

781 m.
4 f.

right.

At 10 m. cross camel track from Siasar to Suraso; at 15 m. camel track to Siasar
A large village.

Camping Ground—S.-E., near village and left of road State property, not demarcated.

Water.—Good, from a few wells.

Supplies.—On notice as above.

74

ALLADIN-KA-BERA. 13 m 2f. Country as above.

794 m.
6 f.

At $4\frac{1}{2}$ m. Dundla and a good well; at

$7\frac{1}{2}$ m. Pahalwan-ka-Bera and a well.

A large village. A few hamlets $1\frac{1}{2}$ m. to right.

Camping Ground.—Near road to right, State property, no boundary pillars.

Water.—One well.

Supplies.—Nil; on notice as above.

T. A. BIKNER, AT BIKANER.

GENERAL OFFICER COMMANDING, KASHMIR BRIGADE.

AUTHORITIES.		No. of stage and total distance.	ROUTE No. III.
Civil	Military.		
P. A. DIKNER, AT DIKNER.	G. O. C. NASIRABAD BRIGADE.	75	<p>SISADA.—16 m. Cross the camel track to Ranabhana Toba, to right, at 2½ m. Sisada is a mere halting place on the Bikaner border. There is neither village, water, nor supplies here. Another 9 m further on, along a camel track through sandhills is Bhaiwala Toba, in 3rd (Lahore) Division, with a limited supply of brackish water from one well, and no supplies.</p> <p>(See Volume III of 1910).</p> <p>Except for Bhaiwala Toba there is no water nearer than Alladin-la-Bera.</p>
		810 m. C/.	

Route No. IV.

FROM BARODA TO RAHM-KA-BAZAR.

Length ; 560 m. 2 f.

29 Marches.

PORTION OF MAIN MADRAS-CILAMAN ROAD.

Authority and date.—Baroda to Chhabasar, Major Burton, Commanding at Baroda, June 1909, Shikarpur to Rudur Mata, Major Louis, Commanding at Bhuj, April 1909, Rudur Mata to Luna, Political Agent, Bhuj, November 1913.

Epitome.—Enters 5th (Mhow) division at Umerwada, 5 marches S., of Baroda; for description of this portion see Route X. From Baroda to Chirai in Cutch, a fair cart road, sandy and heavy in places, and near Baroda much enclosed. From Chirai to Rudur Mata a metalled road, in places out of repair, few bridges, but stone culverts throughout. The Rann is soft, but passable in dry weather. Water scarce in parts, and often brackish. Except in Cutch the road is quite unfit for motoring.

Baroda.—From Fort St George to Baroda is 99 stages, distance 1,103 m.

Routes 28 and 29 start here and Route X crosses here.

AUTHORITIES		No of stage and total distance.	ROUTE No. IV.
Civil.	Military.		
COLLECTOR AT KAIRA.	GENERAL OFFICER COMMANDING 5TH (MHOW) DIVISION.	1	WASAD —13 m. 6 f. Tolerable cart-road, bridged, and drained, sandy At 3 m. 4 f. Channi; at 5 m. 6 f. Dabhath, at 8 m. Padamla Approaches to Menu river near Padamla, and to Mahi river at Phajalpura m. 12 steep. Mani
		13 m 6f	

AUTHORITIES.		No of stage and total distance.	
Civil.	Military.		
RESIDENT AT HADOMA. COLLECTOR AT WAIRA. CENTRAL OFFICER CONVALESCING, 5TH (MURON) DIVISION.			river (sandy bed) is fordable in the dry season. Country enclosed. A small village. <i>Camping ground</i> —11 acres, demarcated, cleared yearly by Public Works Department. <i>Water</i> —One well on C. G., requires repairs; a tank, dry in hot weather; Mahi river 1 m distant <i>Supplies</i> —Moderate.
		2	NAHAPA —10 m. 1 / Country enclosed with high cactus hedges. Road tolerable to Dohom. 7 m. " " " " " "
		23 m. 7 f.	7 6 Mo <i>Camping ground</i> —48 acres, not demarcated, but on survey Nos 327, 330, and 340. <i>Water</i> —Two wells close by; tank in survey No 340 contains water till April. <i>Supplies</i> —Abundant.
		3	PETLAD —7 m. 5 / Country enclosed and highly cultivated. p o, l. s., r. s., Tolerable cart-road. At 7 f. Sutkuwa; at 2 m. 7 f. Asi; at 6 m. Danteli. A small town, with fort 150 yds. by 120 yds. Wall 15' high loopholed. <i>Dispensary</i> in town. <i>Camping Ground</i> —31 bighas, survey No. 475, not demarcated. <i>Water</i> —From wells. <i>Supplies</i> .—Grass must be imported, remainder abundant.
		31 m. 4 f.	

AUTHORITIES.

Civil Military

No
of
stages
and
total
distance.

ROUTE No. IV.

RESIDENT AT DARGODA.
COLLECTOR AT AHMEDABAD.

GENERAL OFFICER COMMANDING, 8TH (MHOW) DIVISION.

4 MALAWARA.—11 m. 5 f. Bad cart-road, especially after Sojitra 6 m. 5 f. where there are high-banked hedges

43 m.
1 f.

on either side of the road, and no room for carts to pass; the road is a morass after a heavy shower. Country enclosed. At 6 f. Jara; at 2 m. 7 f. Silwa; at 4 m. 3 f. Virul; at 6 m. 3 f. Sojitra; at 8 m. 4 f. Limbali. A small village.

Camping Ground.—Eight bighas, not demarcated, on survey Nos. 1173 and 1194.

Water.—Fair, from wells.

Supplies.—Moderate grass scarce.

5 WAUTA.—11 m. Country open on the whole, slightly cultivated, some babul jungle. Road bad to Labasi 3 m. 2 f., after

54 m.
1 f.

which it improves.

A small village on right bank of Sabar Mati Palia, 60 yds. broad, banks low, bed hard and sandy; Watran and Sabarmati rivers join here.

Camping Ground.—50 acres, not demarcated, ■ of Sabarmati river.

Water.—River and wells

Supplies.—Moderate, grass scarce.

6 DHOLKA.—8 m. 4 f. Tolerable road. At 6 m. ■ f. Rampur,

62 m.
5 f.

country open and cultivated. A large town,

Camping Ground.—On sandy soil, near bungalow, not demarcated.

AUTHORITIES.		No. of stage and total distance.	ROUTE No. IV.
Civil.	Military.		
COLLECTOR IN AHMEDABAD.	GENERAL OFFICER COMMANDING, 6TH (MHOW) DIVISION.		<p><i>Water.</i>—From wells. <i>Supplies.</i>—Abundant, transport available.</p>
		7	<p>CHHABASAR.—12 m. 3 f. Country open and partly cultivated. Road tolerably good, sandy. At 2 m. 6 f. Sendharaj; at 7 m 7 f. Kerala where route 21 from Bhavnagar (9 marches) to Ahmedabad (2 marches) crosses. A small village. <i>Camping Ground.</i>—73 acres, demarcated, cleared of brushwood. <i>Water.</i>—From tank till January, after which kacha wells are dug; water bad. <i>Supplies.</i>—Scarce.</p>
		75 m.	
		8	<p>JHAMP.—7 m. 2 f. A small village.</p>
		82 m. 2 f.	<p><i>Camping Ground</i>—4 acres. not demarcated. <i>Water.</i>—From village well, sweet and sufficient. <i>Supplies.</i>—Scarce.</p>
		9	<p>SHAHNUR.—10 m. 4 f. At 3 m. 6 f. Amali; at 6 m. 3 f. Motikisol. then cross a belt of</p>
		92 m. 6 f.	<p>Nal, 700 yds. wide, swampy in and after rains. A small village on N.-E. of Nal. <i>Camping Ground.</i>—39 acres, demarcated, on survey sheet 581, kept uncultivated. <i>Water.</i>—Tank close by; pits of good water in hot weather. <i>Supplies.</i>—Scanty.</p>

AUTHORITIES.

CIVIL

MILITARY.

No. of stage and total distance.

ROUTE No. IV.

POLITICAL AGENT IN KATHIAWAR AT RAJKOT. COLLECTOR AT AHMEDABAD

GENERAL OFFICER COMMANDING, 6TH (MHOW) DIVISION.

10

LILAPUR.—13 m. 5 f. Country open and barren.
p. o., r. s. Road good and hard in dry weather.

103 m.

3 f.

At 2 m. Moti Kathechi; at 6 m. 2 f. Malika, at 10 m. Kalak; cross Viramgam branch of Mehsana Ry. near Lilapur.

Small village.

Camping Ground—No fixed ground; land generally swampy for some time after rains.
Water—From tanks.

Supplies—Scanty

Cross Route 18 from Wadhwan (2 marches) to Ahmedabad (5 marches).

11

CHARODI.—13 m. 4 f. Country low, open jungle, with cultivation near the vil-

119 m.

7 f.

lages. Road very winding but hard and good in dry weather; at 2 m. 3 f. Kesaria, 20 houses, at 6 m. Modhvana, 20 houses and a tank; at 8 m. 6 f. Adhevalia, 15 houses, water and supplies; at 11 m. Pedhada, 30 houses, cross a small nala to Charodi.

50 houses.

Camping Ground.—Good and sandy, 150 yds. to S. of village.

Water.—Brackish and scanty, from a small well and nala.

Supplies.—Scanty, 4 shops.

12

DHRANGADRA.—12 m. 2 f. Country undulating with low

132 m.

1 f.

p. o., r. s. jungle, and cultivation near villages. Tolerable cart-road,

AUTHORITIES.		No of stages and total distance.	ROUTE No. IV.
Civil	Military.		
POLITICAL AGENT IN KATHIAWAR AT RAJKOT.	GENERAL OFFICER COMMANDING, 5TH (MUNW) DIVISION.		<p>rather stony. At 4 m. 4 f. Lavana, 60 houses; at 6 m. 7 f. Jegadava, 40 houses. A large town on the Phulka river.</p> <p>Camping Ground.—Good; 400 yds. S.-W. of town and left of the made road to Wadhwa.</p> <p>Water.—Abundant from Phulka river. A tank and numerous wells, all are rather brackish.</p> <p>Supplies.—Abundant.</p>
		18	
		14 m. 6 f.	<p>JIVA.—0 m. 5 f. After passing through the hills the country is open and cultivated plain. Cross 2 wet nala. Made road, bridged from 3 m. 3 f. to 5 m. At 6 f. cross the Phulka river, bed sandy, banks low, 275 yds wide.</p> <p>100 houses.</p> <p>Camping Ground.—150 yds. to N. of village.</p> <p>Water.—A well, and tank until January, and wet nala slightly brackish.</p> <p>Supplies.—Scanty.</p>
		14	
		152 m.	<p>HALWAD.—10 m. 2 f. Country open, p.o. very little cultivation, except near village. Road as above. At 5 m. 1 f. Koeba, 60 houses, on a large nala.</p> <p>A walled town of 2,000 houses.</p> <p>Camping Ground.—500 yds. to W. of the town near the tank, low and damp.</p> <p>Water.—Abundant and good from wells, also large tank to S.-W. occasionally dry in April.</p> <p>Supplies.—Abundant.</p>

ROUTE No. IV.

AUTHORITIES.		No of stages and total distance	
Dist.	Milit. ary.		
POLITICAL AGENT AT RAJPORE.	GENERAL OFFICER COMMANDING, 5TH (MHOW) DIVISION	15	SARVADAR. —10 m. 7 f.—at 6 m 3½ f. Vin-tavadar, 150 houses, on the Bambhan river 350 yds. wide, bed sandy, opposite tank steep, stream small. 40 houses.
		152 m. 7 f.	<i>Camping Ground</i> —Good and high, 550 yds. to S.-E. of village and near tank <i>Water</i> —Good from large tank in December, and a well.
		16	KAJARDA. —13 m. 4 f.—Good cart-road over level country; at 3 m 3 f. Vijalpur, 70 houses, 2 wells, a tank and 5 shops. At 5 m. Kakrep, 100 houses, 5 shops. The passage of the Machur river, avoided by crossing here instead of from Malia. A small village on the border of the Rann.
		176 m 3 f.	<i>Camping Ground.</i> —Confined 600, yds to W. of village. <i>Water.</i> —From Machu river, scarce after November. <i>Supplies.</i> —From Malia 1½ m. to W.
POLITICAL AGENT AT RHUJ	GENERAL OFFICER COMMANDING, 5TH (MHOW) DIVISION	17	SHIKARPUR. —14 m. 8 f. Country level and open. Road hard and good
		191 m	for 3 m. 5 f. The Rann a little soft, but passable for carts except in rains; at 3 m. 5 f. enter the Rann; at 8 m. 5 f. leave it and enter Cutch 377 houses and fort. <i>Camping Ground.</i> —High, good and spacious, to the S.-W. of tank.

AUTHORITIES		No. of stage and total distance.	ROUTE No. IV.
Civil	Military.		
POLITICAL AGENT AT DRUL.	GENERAL OFFICER COMMANDING, 5TH (MHOW) DIVISION.		<p><i>Water</i>.—Abundant and good from a large tank and wells.</p> <p><i>Supplies</i>.—Moderate from 56 shops; procurable on notice.</p>
		18	<p>CHHADWALA.— 15 m. 2 f. Country open and well cultivated.</p>
		06 m. 2 f.	<p>At 4 m. 2 f. Wandhya, a small walled town of 547 houses, 20 shops, 1 tank and wells mostly brackish; at 9 m. 2 f. Lahanana, 236 houses.</p> <p>A small village.</p> <p><i>Camping Ground</i>.—Good and high.</p> <p><i>Water</i>.—Abundant and good from a large tank and 2 wells.</p> <p><i>Supplies</i>.—Moderate, procurable on notice.</p>
		19	<p>CHIRAI.—15 m. At 4 m. Wondh, whence made road to Bachao, with culverts. At 7 m. Bachao, 1,103 houses, 40 shops, tanks and wells and a small hill fort. From Bachao road badly metalled; 8 sandy shallow nalas. No bridges, culverts of stone in good repair, up to 10 tons. Practical for motors (going slow) in dry weather; impassable in rains.</p>
		20	<p>BIMASAR.—6 m. Metalled road in fair condition. On leaving Chirai cross sandy river bed, 30 yds. wide, unbridged.</p>
		221 m. 2 f.	
		227 m. 2 f.	

ACTIVITIES		No. of stage and total distance.	ROUTE No. IV.
Civil	Military		
POLITICAL AGENT AT BHUJ. GENERAL OFFICER COMMANDING, 6TH (MHOW) DIVISION.		21	ANJAR —10 m Road metalled, from m 3 to p.o., t.s., r.s., m. 8 m bad repair At 8 m. Warsamadi; cross Chura river unbridged, 60 yds. wide sandy bottom. A walled town $1\frac{1}{2}$ m in circumference. Camping Ground.—N-W near old cantonment site Water — Supplies —
		237 m. 2 /	
		22	RATNAL —0 m. Road metalled, in fairly good p.o., t.s., r.s. repair; no bridges, stone culverts up to 10 tons. Camping Ground — Water —From tank for 6 months. Supplies —
		245 m. 2 /	
		23	BHUJ —10 m Road metalled. Between 8 b., p.o., t.s., r.s. m and 10 m. cross Dholwar river by Ishri bridge, impassable in heavy rains. At 13 m. cross Pat nala by stone bridge. Residence of Rao of Cutch. Camping Ground —None demarcated, ample room available Water — } Abundant. One hundred baggage camels can be collected at a fortnight's notice Supplies — }
		282 m. 2 /	
		24	RUDUR MATA .—12 m. Metalled road, at 4 m a well (brackish); at 10 m cross Khari river (underbridged), sandy bed. A cluster of temple within walled enclosure, facing Pur river.
		274 m. 2 /	

AUTHORITIES.

No.
of
stage
and
total
distance.

ROUTE No. IV.

Civil.

Milit-
ary.

POLITICAL AGENT AT ERUD.

GENERAL OFFICE COMMANDING, 5TH (MHOW) DIVISION.

25

278 m.
2 f.

Camping Ground.—800 yds E.
Water.—Abundant in river.
Supplies.—Nil.

LORIA.—4 m. At 1 m 4 f. big tank. At 2 m. Nohhanna, well sweet and constant; rocky ascent, then sandy slope covered with scrub jungle.

Village of Myani on right bank of deep nala on ground sloping to Rann

Camping Ground.—100 yds S.-E.

Water.—Fairly plentiful from about 40 wells. 4 wells ■ of village are fairly sweet, but run short in hot weather.

Supplies.—Moderate, no vegetables. Cattle of all kinds. About 3 m W. of village is a river, water of which is diverted into 2 tanks.

23

292 m.
2 f.

BIBAR.—14 m Pass Kaila river (dry) to po

Jura; at 6 m. Bani, a well, at 10 m Nirunha, several pakka wells, constant and sweet;

Water.—Abundant from tanks and wells.
Supplies.—Same as Loria, few vegetables

27

804 m.
2 f.

CHICHIA.—12 m. At 3 m. Wang village 2 m. left, a well. To Rann

over rolling sandhills; then 8 m. over Rann, dipping lower from Bani; heavy sand for 4 m., then hard pat.

AUTHORITIES.		No. of stages and total distance.	ROUTE No. IV.
Civil.	Military.		
POLITICAL AGENT AT DHUJ	GENERAL OFFICER COMMANDING, 6TH (MHOW) DIVISION.		A mere halting-place on S.-W. edge of Bani. <i>Camping Ground.</i> —100 yds. W. <i>Water.</i> —Dirty and brackish; but constant, from wells. <i>Supplies.</i> —Nil. No animals or cultivation.
		28	LUNA.—8 m. Track over level pat; hills visible to left. Three clusters of huts close to edge of Rann, on extreme N.-W. corner of Bani. <i>Camping Ground.</i> —S. by wells. <i>Water.</i> —Plenty from wells; 3 in use, constant and clear, but brackish. <i>Supplies.</i> —Nil. Few cattle; no cultivation.
		312 m 2 f.	
		23	RAHIM-KA-BAZAR.—48 m At 3 m. clump of babuls, with wells of filthy water (last wells in Cutch). After this ground slopes to Rann, which is impassable, except on foot, after the S.-W. monsoon has set in. <i>Camping Ground.</i> — <i>Water.</i> —Two katcha wells, slightly brackish, and scanty.
		350 m 2 f.	

ROUTE No. VI.

DHANURA TO SRINAGAR.

Length 161 m. 3 f.

43 Marches.

PORTION OF MAIN ROUTE FROM WELLINGTON TO LUCKNOW.

Authority and date (month and year).—Kamptee to Jubbulpur,
Officer Commanding, 95th Battery, Royal Field Artillery,
November 1913.

Epitome.—General direction N.-N.-E. The road from Dhanura to
Wun is fair-weather track; then unmetalled, but bridged to within 4
miles (the
rains) the
road the
rivers (all then fordable) would lead to delays.

AUTHORITIES		No. of stage and total distance.	ROUTE No. VI.
Civil.	Military.		
DEPUTY COMMISSIONER OF PUNJAB, LUDHIANA.	C. B. A. JUBBULPUR BRIGADE.	1	<p>DHANURA—A small village on the Penganga river, which is 340 yds. wide, bed sandy, banks high and steep, fordable except during rains, when it is crossed by boats.</p> <p><i>Camping Ground.</i>—On river bank (high and dry).</p> <p><i>Water.</i>—From river, except during a drought.</p> <p><i>Supplies.</i>—</p> <p>By route VI from Wellington to Dhanura 716 m. in 74 marches. (See Volume IX of 1912.)</p> <p>MAKETIUN—7m. 7 f. Black cotton soil. Road very bad. Crosses several nalas unbridged.</p>
		7 m. 7 f.	

THE ROUTES

No. of stage and total distance.

ROUTE No. VI.

DEPUTY COMMISSIONER OF CENTRAL PROVINCES

GENERAL OFFICER COMMANDING, SUBDIVISION BRIGADE.

Camping Ground—Fair
Water—From 2 wells N, and 2 camps II and W.
Supplies.—Good

II

KHAIRI—8m 5f. Country cultivated; black cotton soil
 Very bad rocky road,

16 m
4 f.

difficult for carts.
 A large village with numerous shops
Camping Ground—To S-W low and bad, sufficient for a Regiment
Water—Plentiful from wells
Supplies—Numerous shops in village

3

WUN—12m 5f. A fair-weather road, country cultivated, soil black

20 m
1 f.

The road as far as the Wardha river (which forms the boundary between Berar and the Central Provinces) 6 m is metalled, the river is fordable except during the rains, when it is crossed by boats. Cross several *valas* and a river, unbridged, Headquarters of Sub-district of Wun; population 5,000
Camping Ground—High and good.
Water—From wells tank and *nala*, good and ample Route No. 4 joins here

4

WARORA—12m 4f. Road metalled, fit for motors in dry weather
 Wardha bridge for country carts only; in wet weather Public Works Department ferry takes two carts or 40 men

41 m
5 f.

AUTHORITIES.		No. of stage and total distance.	ROUTE No. VI.
Civil.	Military.		
DEPUTY COMMISSIONER OF NAGPUR.	GENERAL OFFICER COMMANDING, JUBBULPUR BRIGADE.		<p>Tehsil head-quarters, population 8,000. <i>Camping Ground</i>.—25 acres. Government ground. <i>Water</i>.—From wells and tank. <i>Fuel</i>.—3 days' notice. <i>Supplies</i>.—Grain, atta, grass and kurbi available</p>
		5	<p>CHICHARA—9m. 4f. Road unmetalled, but bridged, 4 huts in middle of jungle. <i>Camping Ground</i>.—In open space E. of village belonging to Malguzar. <i>Water</i>.—There is a well near that dries up in summer; it requires deepening and its parapet, walls and platform require repairs. <i>Supplies</i>.—Moderate on notice.</p>
		51 m. 1 f.	
		6	<p>NANDORI.—11m. 4f. Road as above. Cross Pothra river by ford, impassable in rains. A small village police post. <i>Camping Ground</i>.—Good but $\frac{1}{2}$ m. from water. <i>Water</i>.—Several wells and 2 small tanks. <i>Supplies</i>.—On notice.</p>
		62 m. 5 f.	
DEPUTY COMMISSIONER OF NAGPUR.	GENERAL OFFICER COMMANDING, JUBBULPUR BRIGADE.	7	<p>JAM.—5m. 4f. Road as above. A small village. <i>Camping Ground</i>.—Good. <i>Supplies</i>.—On notice. <i>Water</i>.—Large well and tanks.</p>
		71 m. 1 f.	
		8	<p>KANDRI.—5m. Road as above; cross Ajola hills; dry sand, but impassable in rains</p>
		79 m. 1 f.	

CATEGORIES.		No. of start and total distance.	ROUTE No. VI.
Civil.	Military.		
DEPUTY COMMISSIONER OF NAGPUR.	GENERAL OFFICER COMMANDING, JUDDHUTUR BRIGADE.		<p>A small village. <i>Camping Ground</i>—Good, on S. (left) bank of Wanna river. <i>Supplies</i>.—On notice. <i>Water</i>—Good and abundant from Wanna river.</p>
		9	<p>BORI.—14m. Road as above; cross Wanna river by ford in dry weather. Impassable in rains. Two small canals. A large village. <i>Camping Ground</i>.—300 yds. W. of r.s. <i>Supplies</i>.—Plentiful. <i>Water</i>.—From nala and wells</p>
		93 m. 1 f.	
		10	<p>PARSORI.—9m. 2f. Road as above; cross Wardha river by ford except in rains, when there is a boat raft taking 12 passengers or one cart. A small village. <i>Camping Ground</i>.—good. <i>Supplies</i>.—On notice <i>Water</i>.—From nala and wells. (One Government well close to camping ground, kept clear of brushwood.)</p>
		102 m. 3 f.	
		11	<p>NAGPUR—10m 6f. Road as above to within 4 m of Nagpur, after which metalled and good. A large and important town. Headquarters of Chief Commissioner, Central Provinces Fort Sitabaldi overlooking r.s. has a British Infantry detachment.</p>
		113 m. 1 f.	

ROUTE No. VI.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Military.		
DEPUTY COMMISSIONER OF NAGPUR. GENERAL OFFICER COMMANDING, JUDDHUPUR BRIGADE.			<i>Camping Ground</i> —Large and good 2 m. E. of Nagpur, on N. side of Kampti-Nagpur road by Oetroi post. <i>Supplies</i> —Plentiful <i>Water</i> —Plentiful
		12	KAMPTI —10 m. A cantonment p. o., l. s., r. s., b.
		123 m. 1 f.	<i>Supplies</i> —Obtainable <i>Water</i> —Obtainable.
		13	MUNSAR —10 m. 4 f. Soil black b, p. o., r. s. (Ramtek road metalled 2 in and bridged) Between Almr and Masal pass metalled road running E. to Ramtek with proposed extension to Kodamendi and thence to Tharsa r. s., also proposed metalled road to Parsconi. A good sized village <i>Camping Ground</i> —Good W. of village. <i>Water</i> —From tank and few wells. <i>Supplies</i> —Can be collected.
		139 m. 5 f.	
DEPUTY COMMISSIONER OF NAGPUR. HONORARY SIKH.		14	DEOLAPAR —15 m. 6 f. Soil hard and rocky. b, p. a. Road as above. A small village.
		155 m. 3 f.	<i>Camping Ground</i> —E. of village <i>Water</i> —From tank and few wells. <i>Supplies</i> —Can be collected.
		15	KHAWASA —9 m. 4 f. Country hilly and jungle. Road as above.
		164 m. 7 f.	Moderate sized village. <i>Water</i> —Abundant. <i>Supplies</i> —Abundant.

DISTANCES.		No. of stage and total distance.	ROUTE No. VI.	
Order.	Military.			
DEPUTY COMMISSIONER OF SEONI.	GENERAL OFFICER COMMANDING, JHARKHUR BRIGADE.	16	KURIA — 8 m 11 f — Country jungly, road as above.	
		173 m 5 f	A moderate sized village. Camping Ground — Good S. of village. 9,000 sq yds. Supplies — Abundant. Water — Abundant, a tank and two wells close by	
		17	MOHGAON — 8 m. 4 f. Country jungly; road as above, rise about 800', well graded road.	
		182 m 1 f	A small village. Camping Ground — Good S. of village. Water — Abundant. Supplies. — On notice.	
		18	SEONI — 11 m 4 f. Soil black, road as above.	
		193 m 5 f	b, p o, t. s., r e Road partly metalled, branches off from Seoni to Bhandara distance 85 miles in 11 stages. A large town, Civil station Rly line from Mandi to Chindwara, Headquarters of Civil district. Camping Ground — Good, to N. of town. Supplies. — Obtainable. Water. — Good from pakka well which is cleared after rains.	
		11	BANDOLE — 11 m Country open; road as above.	
		204 m. 5 f.	A small village. Camping Ground — Good, W. of village. Water. — Plentiful For animals (from tank. Supplies. — Plentiful.	

AUTHORITIES		No. of stage and total distance.	ROUTE No. VI.
Civil.	Military.		
DEPUTY COMMISSIONER OF JUBBULPUR. DEPUTY COMMISSIONER OF SEONI.	GENERAL OFFICER COMMANDING, JUBBULPUR BRIGADE.	20	CHAPPARA —11 m. 7 f. Country open; road as above.
		218 m. 4 f.	A large village. <i>Camping Ground</i> —To the S. E. of village. <i>Water</i> —Plentiful <i>Supplies</i> —Plentiful
		21	GANESHGANJ. —9 m. 3 f. Country partly p. o. partly jungly; road as above.
		225 m. 7 f.	A small village. <i>Camping Ground</i> —Indifferent, to the W. of village. <i>Supplies</i> —Abundant. <i>Water</i> —From river abundant. The water of the Bijna river which is close by is used for drinking purposes by travellers and villagers, as the water from well on <i>Camping ground</i> is not much liked by the people; nevertheless it is fit for drinking.
		22	LAKHNADON. —7 m. Road as before. Long b., p. o., & a. steep ascent after leaving Ganeshganj. A good sized village. Tahsil headquarters.
		232 m. 7 f.	<i>Camping Ground</i> —Good E. of village. <i>Supplies</i> —Plentiful. <i>Water</i> —Plentiful, two wells, one belonging to C. O., one to Government, water in both good, and plentiful.
DEPUTY COMMISSIONER OF JUBBULPUR.		23	DHUMA. —13 m. 5 f. Road as above. Moderate sized village.
		246 m. 4 f.	<i>Camping Ground</i> —To E. of village. <i>Supplies</i> —Plentiful. <i>Water</i> —Plentiful.

ACTIVITIES.		No. of stage and total distance.	ROUTE No. VI.
Civil.	Military.		
DEPUTY COMMISSIONER OF JUBBULPUR. GENERAL OFFICER COMMANDING, JUBBULPUR BRIGADE.		24	<p>SUKRI —12 m 4 f. Road as before. Between b, p o, l s, r. s. mile 7 and m 8, steep descent of several hundred feet with two sharp turns. A good sized village.</p> <p><i>Camping Ground</i> —400 yds. N.-E. of village 400 x 310 yds. Stony ground, $\frac{1}{2}$ ploughed; rest kept clear of brush wood.</p> <p><i>Water</i> —Good, for a Battalion, from two wells close to camping ground; water for animals from Temar stream, 40 yds E. of C G.</p> <p><i>Supplies.</i> —Procureable in small quantities.</p>
		259 m.	
		25	
		268 m. 71	
		26	<p>NIGRI —9 m. 7 f. Road as above. Pass Bargi at 6 m. 3 f. A small village.</p> <p><i>Camping Ground</i> —W of road near village 350 x 230 yds.</p> <p><i>Supplies</i> —On notice.</p> <p><i>Water</i> —Indifferent, limited water from well, which is nearly dry for half the year, close to camping ground and a nala.</p> <p>Animals may be watered at a stream 50 yds N. of C G. The Tinrat nala has a good supply of water.</p>
		279 m.	
		28	<p>JUBBULPUR. —10 m 1 f. Road as above; b, p o, l s, r. s. cross Narbada by embankment and trestle bridges. Road crosses Main Route XII. (See route XII, Stage 18.)</p>

ROUTE No. VI.

AUTHORITIES		No. of stage and total distance.	
Civil.	Military.		
DEPUTY COMMISSIONER OF JUBBULPUR.		27	BELKHARU.—11 m. A small village.
		290 m.	Camping ground.—S. E. of village 26,620 sq. yds. Supplies.—Procurable. Water.—For 2 Battalions from well on Camping Ground S.-E. of village.
DEPUTY COMMISSIONER OF DAMOH.	GENERAL OFFICER COMMANDING, JUBBULPUR BRIGADE.	28	KATANGI.—13 m. Country level and cultivated; road as before.
		803 m.	A large village. Camping ground.—N. of village 114,050 sq. yds. Supplies.—Ample. Water.—Good, from well on camping ground.
		29	SINGRAMPUR.—0 m. Country undulating and jungly; road as above.
		312 m.	Pass Kunda at 3 m. and Jamunia at 5 m. A large village. Camping ground.—W. of village. Supplies.—Ample. Water.—Abundant from 2 wells, disinfected every two months, in vicinity of camping ground.
		30	JABHERA.—0 m. Country and road as before.
		321 m.	Pass Munoti at 7 m. A village. Camping ground.—E. of village. Water.—For a Battalion and Battery from a well, and water for animals from tank which is on camping ground. Supplies.—Ample.

AUTHORITIES		No. of wags and total distance.	ROUTE No. VI.
Civil.	Military.		
DEPUTY COMMISSIONER OF DAMOH.	GENERAL OFFICER COMMANDING, JUBBULPUR BRIGADE.	31	<p>NUHTA.—11 m. 1 f. Country and road as before. Cross the Bidari Ghat at 2 m. 1 f. Hurdia at 8 m., Pipuria at 9 m. A small village camping ground = kept cleared.</p> <p><i>Camping Ground.</i>—E. of village 153,180 sq. yds.</p> <p><i>Supplies.</i>—Ample.</p> <p><i>Water.</i>—For a Battalion and Battery from river close by, well on C. G.</p>
		332 m. 1 f.	
		32	<p>DAMOH—14 m. Country hilly and jungly, b., p.o., l. s., r. s. road metalled and bridged, suitable for all arms. Cross the Biarma river near Nohta; pass Abhana at 2 m.; Huthni at 8 m., Mahtal at 11 m. A small civil station.</p> <p><i>Camping Ground.</i>—S. of road, 53,330 sq. yds.</p> <p><i>Supplies.</i>—Ample.</p> <p><i>Water.</i>—Good from two wells, one with trough near C. G. which is S. of road about $\frac{1}{2}$ m. from Bazar. Railway from Katni to Sangur.</p>
		3:6 m. 1 f.	
		33	<p>NARSINGARH.—13 m. Country level, partly cultivated; road metalled, bridged, suitable for all arms; pass Umri and Kukra and cross Kopra river. A village.</p> <p><i>Camping Ground.</i>—Stony and the soil murrum W. of village 430x260 yds.</p> <p><i>Supplies.</i>—Ample.</p> <p><i>Water.</i>—Abundant, good from the Sonar river.</p>
		359 m. 1 f.	

ROUTE No. VI.

AUTHORITIES		No. of stage and total distance.	
Civil	Military.		
H. C. OF HANOI.	GENERAL OFFICER COMMANDING, JUBBULPUR BRIGADE.	24	BATIAGARH. —9 m. Country and road as before. The Sonar river is crossed in the 1st mile by causeway, ferry in rains (1 large boat to carry 50 and one small boat to carry 10 men). A large village. <i>Camping ground</i> —S. E. of village 54,250 sq yds. <i>Supplies</i> —Ample. <i>Water</i> —Abundant and good from stream and well near C. G.
		368 m. 1 f.	
		35	BAXWAHO. —13 m. Country jungly; road unmetalled; passable for all arms, winds over a stony Ghat, near Batiagarh, 1½ m. long; very difficult and narrow in places, gradient 1 in 18. Cross several <i>nalas</i> and the Bakh stream en route, all fordable. A large village. <i>Camping ground</i> .—W. of road 300 × 250 yds. <i>Supplies</i> .—Fuel, gram and grass plentiful. Camel grazing scarce. <i>Water</i> .—For a battalion, from a well 100 yds E. of C. G.
DEPUTY COMMISSIONER OF SAUGOR.		381 m. 1 f.	
		38	HIRAPUR. —10 m. Country as before. Road 600 × 250 yds. a fair weather track, but 2 m. stony and rough, pass Barrati at 3 m. and Garahi at 5 m. A village. <i>Camping ground</i> .—E. of and near village; it is not cultivated as it is within forest limits; it is kept clear of brushwood.
		391 m. 1 f.	

AUTHORITIES.		No. of stage and total distance.	ROUTE No. VI.	
Civil.	Military.			
P. A. IN BUNDERHAND, NOWGONG.	DEPUTY COMMISSIONER OF SAUGOR.	GENERAL OFFICER COMMANDING, JUBHULPUR BRIGADE.		<i>Supplies.</i> —Fuel and grass plentiful, other supplies on notice <i>Water.</i> —Good and sufficient from well, with trough and iron pulleys, and tank $\frac{1}{2}$ m. W. of C. G.
			37	SARWA —9 m. 6 f. Country thick jungle ; b., road as before for 3 m., then metalled and in good order. At 5 m. 2 f descent of Dergao Ghat, easy gradient ; at 6 m cross Kati river, fordable except when in flood at small village <i>Camping ground.</i> — $\frac{1}{2}$ m. S. of village. 72,080 sq yds <i>Supplies.</i> —Fuel and grass plentiful. <i>Water.</i> —Good, for battalion, from well on camping ground.
			400 m 7 f.	
			38	MULBARA —6 m. 2 f Road as before, b. thick jungle either side ; cross the Siamri river by causeway, impassable after heavy rains. A village <i>Camping ground.</i> —Near village. 98,650 sq. yds. <i>Supplies.</i> —Plentiful <i>Water.</i> —Good from two wells on C. G.
			407 m. 1 f.	
P. A. IN BUNDERHAND, NOWGONG.	G. O. C., JHANSI BRIGADE.	G. O. C., JHANSI BRIGADE.	39	GULGANJ —10 m. 6 f Country and road as before ; cross the Magrar Nadi (bridged) at $3\frac{1}{2}$ m, and pass Mugwari at $3\frac{1}{2}$ m. A large village.
			417 m 7 f.	

AUTHORITIES.		No. of stage and total distance.	ROUTE No. VI.
Civil.	Military.		
POLITICAL AGENT IN BUNDELKHAND, NOWGONG.	GENERAL OFFICER COMMANDING, JHANSI BRIGADE.		<p><i>Camping ground.</i>—E. of road 350×125 yds. <i>Supplies.</i>—Plentiful <i>Water.</i>—Good from well N.-E., of C. G.</p>
		40	<p>MATGAON.—11m. Country and road as before. Cross the Panari stream at 1½ m., pass Angor at 4 m. 4 f., and Khairo at 8 m. 4 f. A small village. <i>Camping ground.</i>—229,460 sq yds. <i>Supplies.</i>—Procurable. <i>Water.</i>—Good, from well near C. G.</p>
		438 m. 7 f.	<p>CHHATARPUR.—9m.7.f. Country jungly, road metalled and in good order, pass Choka at 3 m. 2 f. and Lalon at 7 m. 3f. A large town. <i>Camping ground.</i>—1 m. S.-E. of city. 250×150 sq. yds. <i>Supplies.</i>—Plentiful. <i>Water.</i>—Good, from well near C. G.</p>
		438 m. 6 f.	
		42	<p>MALARA.—11m. 2f. Country and road as before, a large village in the Chhatarpur State. <i>Camping ground.</i>—1 f. N. of village. 400×160 yds. <i>Supplies.</i>—On notice. <i>Water.</i>—Good, from well on C. G.</p>
		450 m.	

AUTHORITIES.		No. of stage and total distance.	ROUTE No. VI.
Civil.	Military.		
COLLECTOR OF HAMIRPUR.	G O C, JHANSI BRIGADE.	48	<p>SRINAGAR.—11 m. 3/. Country hilly and jungly; road as above in the 8th m. the Urmol stream, impassable in flood, is crossed in flood, is crossed by an Irish bridge.</p> <p>A village.</p> <p><i>Camping ground.</i>—60,670 sq. yds., E. of and close to village.</p> <p><i>Water.</i>—Abundant and good from 2 wells on C. G.</p> <p><i>Supplies.</i>—Procurable.</p> <p>In 8th (Lucknow) Division. To Cawnpore (9 marches) and Lucknow (13 marches). See Volume VIII of 1910.</p>
		461 m. 3/.	

AUTHORITIES.		No. of stage and total distance.	ROUTE No. VI.
Civil.	Military.		
POLITICAL AGENT IN BUNDELKHAND, NOWGONG.	GENERAL OFFICER COMMANDING, JHANSI BRIGADE.		<p><i>Camping ground.</i>—E. of road 350×125 yds. <i>Supplies.</i>—Plentiful <i>Water.</i>—Good from well N.-E., of C. G.</p>
		40	<p>MATGAON.—11m. Country and road as before Cross the Panari stream at 1½ m., pass Angor at 4 m. 4 f., and Khauro at 8 m. 4 f. A small village. <i>Camping ground.</i>—229,460 sq. yds. <i>Supplies.</i>—Procurable. <i>Water.</i>—Good, from well near C. G.</p>
		438 m. 7 f.	<p>CHHATARPUR.—9m.7 f. Country jungly, road metalled and in good order, pass Choka at 3 m. 2 f., and Lalon at 7 m. 3f. A large town. <i>Camping ground.</i>—1 m. S.-E. of city. 250×150 sq. yds. <i>Supplies.</i>—Plentiful. <i>Water.</i>—Good, from well near C. G.</p>
		438 m. 6 f.	
		42	<p>MALARA.—11m. 2f. Country and road as before, a large village in the Chhatarpur State. <i>Camping ground.</i>—1 f. N. of village. 400×160 yds. <i>Supplies.</i>—On notice. <i>Water.</i>—Good, from well on C. G.</p>
		450 m.	

AUTHORITIES		No. of stage and total distance.	ROUTE No. VII.
Civ.	Mil- itary		
DEPUTY COMMISSIONER OF AKOLA, AKOLA.	GENERAL OFFICER COMMANDING, JERRUPUR BRIGADE.	7	SIRPUR —8 m <i>Camping Ground</i> .—About 20 acres. <i>Water</i> —Unlimited.
		67 m 4 /	<i>Supplies</i> —Can be collected for 300 men and 500 animals at a month's notice.
		8	BASIM —12 m. <i>vide</i> main route No III, b p c, &c stage No II Main Route No III crosses and Route No 3 joins here.
		79 m 4 /	PALDI —10 m. 4 /. Road metalled. Soil black; country undulating and partially cultivated; river passable in dry season.
		90 m	A small village <i>Camping Ground</i> —About 35 acres. <i>Water</i> —From well for 1,000 men and animals, also from nalas, not likely to give out in a dry year. <i>Supplies</i> —Can be collected for 50 men and 75 animals at a week's notice
		10	MANGRUL PIR —14 m Road metalled and good. Soil black.
		104 m	A public Works Department rest house here. <i>Camping Ground</i> —High, dry and good, to N-W. about 35 acres. <i>Water</i> —For 1,000 men and animals from wells, likely to give out in a dry year. <i>Supplies</i> .—For 1,000 men and animals at 2 weeks' notice.

AUTHORITIES		No of stage and total distance	ROUTE No. VII.
Civil	Military		
DEPUTY COMMISSIONER OF AKOLA, AKOLA.	GENERAL OFFICER COMMANDING, JUBHULPUR BRIGADE.	11	SHIVANI—7 m 4 f. Country undulating and cultivated. Cross the Aran river, and a nala, unbridged.
		111 m. 4 f.	A small village. Camping Ground.—High and dry, close, about 4 acres Water.—For 1,000 men and animals from wells and Aran river, likely to give out in a dry year. Supplies.—Can be collected at 1 month's notice.
		12	KARANJA.—9 m. 4 f. Road to Karanja b, p. o. & s is metalled. Routes Nos. 3 and 4 cross in this stage.
		121 m.	A large town. Camping Ground.—About 31 acres. Water.—Unlimited. Supplies.—Can be collected for 25,000 men and animals at a week's notice.
		13	BHAM.—13 m. 11 f. Road metalled. Soil black; cross 4 nalas, unbridged.
		134 m. 2 f.	Camping Ground.—Open and near village, about 19 acres. Water.—Unlimited. Supplies.—For 5,000 men and animals at 2 D 11 weeks' notice.
		14	LONI.—13 m. 3 f. Road unmetalled, difficult in rains. Cross 1 river and 11 nalas unbridged.
		147 m. 5 f.	

ROUTE No. VII.

AUTHORITIES

Civil Military

No.
of
stages
and
total
distance.

Camping Ground.—Good, about 2 acres.
Water.—Unlimited, from wells, except in dry season, when only 200 men and 50 cattle can be watered.
Supplies.—Generally food is available for about 100 men; 10 days' notice will be necessary to collect supplies and forage.

15

159 m.

AMRAOTI—11 m 3 / Two travellers' bungalows, head quarters of the district; road metalled, 6 nalas, unbridged. At 6 m. Bandera cross Great Indian Peninsula Railway, Bhusawal-Nagpur.
 Route No. 5 crosses here.
 A large town.

Camping Ground.—Good, about 19 acres.
Water.—Unlimited from wells, except in dry season, when only 1,000 men and 500 animals can be watered.
Supplies.—Procurable for 500 men, if food for more is required, 10 days' notice is necessary.
Fuel.—10 days' notice is required.

16

166 m
4 f.

NANDGAONPETH—7 m 4 / Road metalled. Route No. 7 starts here.

Camping Ground.—Two acres, a large village.
Water.—Unlimited from wells and nala, except in dry season, when only 500 men and 100 cattle can be watered.
Supplies.—Available for 100 men; if more is required 10 days' notice is necessary.
Forage.—10 days' notice is necessary.

ROUTE No. VII.

AUTHORITIES		No. of stage and total distance	
Civil.	Military		
DEPUTY COMMISSIONER, WARDHA. DEPUTY COMMISSIONER, NAGPUR.	GENERAL OFFICER COMMANDING, JUMHULPUR BRIGADE.	17	SHEMANGAON — 8 m Road metalled. Cross ■ nalas, unbridged.
		174 m 4 f.	A small village <i>Camping Ground.</i> —Good, about 31 acres. <i>Water</i> —For 800 men and 700 animals from 4 wells, likely to give out in a dry year. <i>Supplies</i> —Will have to be collected from the surrounding large villages
		18	ISAPUR — 12 m 3 f. Road unmetalled. Soil black; cross Wardha and numerous nalas;
		183 m 7 f.	unbridged <i>Camping Ground</i> —About 5 acres. <i>Water</i> —Unlimited from Wardha river. <i>Supplies</i> —Must be collected from other villages.
		19	TALEGAON — 9 m 5 f Cross the Wardha river A large village.
		193 m 4 f.	<i>Camping Ground</i> —No military camping ground <i>Water.</i> —Several wells and nalas <i>Supplies.</i> —On notice
		20	SARWARI.—9 m. 7 f. Pass a few nalas not bridged. A small village.
		203 m. 3 f.	<i>Camping Ground.</i> —Nil <i>Water</i> —As above. <i>Supplies</i> —None.

ROUTE No. VII.

AUTHORITIES.

Or2. MIL-
taryNo
of
stages
and
total
distance

21 THAVEGAON—14 m. Cross several un-
bridged nalas. Mo-
derate-sized village.

220 m.

3 /

From here a 1st class metalled road to Nag-
pur is proposed.

Camping Ground—Nil

Water—From several wells.

Supplies—On notice.

22 KUNDHALI—11 m 7 f. Pass many nalas,
not bridged
A large village.

232 m

2 /

Camping Ground—

Water—From Jam river.

Supplies—On notice.

23 BAZARGAON²—7 m 7 f. Cross several nalas
po unbridged and Jam
river. Country hilly and jungly.

240 m

1 /

A large village.

Camping Ground—E. of village.

Water—From nala.

Supplies.—Moderate.

24 GOND KAIRI.—14 m Cross some nalas
unbridged.
A small village.

254 m.

1 /

Camping Ground—None.

Water.—From nala.

Supplies—None.

25 NAGPUR.—11 m 7 f. Cross some nalas un-
b., p., o., l. s., r. s. bridged, a large and
important town.

266 m

Headquarters of the Chief Commissioner, Central

DEPUTY COMMISSIONER, NAGPUR.

GENERAL OFFICER COMMANDING, JUBHULTUR BRIGADE

ROUTE No. VII.

AUTHORITIES		No of stage and total distance.	
Civil.	Military.		
DEPUTY COMMISSIONER, DEPUTY COMMISSIONER, NAGPUR. BHANDARA.	GENERAL OFFICER COMMANDING, JUDDHUPUR BRIGADE.		<p>Provinces Sitabaldi fort overlooking the r.s., has a garrison of British Infantry.</p> <p>From here to Dongargaon a 1st class metalled and bridged road.</p> <p><i>Camping Ground</i>—2 m. E of Nagpur on the Kampti road near the octroi post.</p> <p><i>Water</i>—Plentiful.</p> <p><i>Supplies</i>—Plentiful.</p>
		23	MAHALGAON.—10m. A small village.
		276 m.	<p>At 4 m. 2 f.—Branch of Bengal-Nagpur Rail- way to Gondia.</p> <p><i>Camping Ground</i>—To S of village.</p> <p><i>Water</i>.—Good, from well in good order near C Q, and a nala that contains water till March</p> <p><i>Supplies</i>.—On notice.</p>
		27	MAUNDA —11 m. Cross Peelee river, un- b.
		287 m.	<p>of Kanhan river.</p> <p><i>Camping Ground</i>—½ m. W. of Kanhan river.</p> <p><i>Water</i>.—Abundant from wells and Kanhan river.</p>
		23	KARBI —8 m. Road as before, cross Kanhan river after leaving
		293 m.	<p>Maunda, by causeway and bridge in dry weather; in wet weather by ferry suitable for motors or guns; short notice required.</p> <p>A small village.</p> <p><i>Camping Ground</i>.—Indifferent, 6f. E. of village</p>

AUTHORITIES

Civ. Mil-
itaryNo
of
stage
and
total
distance

ROUTE No. VII.

DEPUTY COMMISSIONER, BHANDARA.

GENERAL OFFICER COMMANDING, JUBBULPUR BRIGADE.

29

Water.—Abundant from wells (one pakha well close by with good water) also a tank.
Supplies.—On notice.

304 m

BHANDARA—9 m. A large village and small civil station Headquarters of Deputy Commissioner of district.

Railway Station 7 m N. (no sidings)

Camping Ground.—On right bank of Weinganga river.

Water.—Plentiful and good from well and Weinganga river.

Supplies.—Abundant.

30

LAKHNI.—13 m. Weinganga crossed by causeway and bridge, in dry weather; by

317 m

ferry suitable for motors and guns in rains.

A small village

Camping Ground—W of village about 550 yds.

Water.—Good from Weinganga river and water-works close by.

Supplies.—On notice.

31

SAKOLI.—11 m. A small village.

b, p. o.

328 m

Camping Ground.—E. of village Tahsildar's headquarters.

Water.—Abundant.

Supplies.—On notice.

32

SEONGI.—9 m. A small village, narrow gauge railway between Nagpur and Gondia crosses

337 m

road.

AUTHORITIES

Civil.

Military.

No
of
stage
and
total
distance.

ROUTE No. VII,

Camping Ground.—Good to S. of village.
Water.—From nala and kacha well close by;
 good water from bungalow well.
Supplies—On notice.

33

DONGARGAON.—7 m. 3 f. Cross few nalas
 unbridged
 A small village.

314 m.
6 f.

A 1st class road running N.-N.-E. to Gondia
 (28 m) branches off here.
Camping Ground.—Good, W. of village.
Water.—Good, from a well.
Supplies—On notice.

34

DEORI—8 m. 4 f. Cross 2 nalas unbridged
 d.
 3rd class road.
 A small village.

353 m.
2 f.

Camping Ground.—Good, E. of village. Ground
 is kept for grass and not ploughed.
Water.—From nala and tank; good from Seral
 well, in good order, with troughs and wooden
 frame.
Supplies.—On notice.

35

BAGNADI—5 m. 3 f.

358 m.
5 f.

Camping Ground.—Ground, either side of
 river, good,
Water.—Abundant.
Supplies.—On notice.

DEPUTY COMMISSIONER, BHANDARA.

GENERAL OFFICER COMMANDING, JUBBULTUR BRIGADE.

ATTACHMENTS		No. of stage and total distance	ROUTE No. VII.
CHIEF	MILITARY		
POLITICAL AGENT AT RAIPUR.	GENERAL OFFICER COMMANDING, JUBBULPUR BRIGADE.	36	GURTALAO —8 m Country hilly, covered; with dense jungle; not recommended as halt
		366 m. 5 f.	ing place; road loose and sandy, 10 ft. wide. <i>Camping Ground</i> —Confined by jungle; very feverish <i>Water</i> .—Scarce, from tank. <i>Supplies</i> .—On notice.
		37	CHICHOLI .—8 m 2 f Country enclosed and
		374 m. 7 f.	b. jungly Stone bridge over Chicholi river. A small village on red soil <i>Camping Ground</i> .—W. of village confined, but in dry weather an extensive ground to E. of village is available; C. G. could be extended. <i>Water</i> —From nala and wells. <i>Supplies</i> .—On notice.
		38	WARARBUND —11 m 5 f. A small village.
		386 m 4 f.	<i>Camping Ground</i> —Good, N.-W. of village. <i>Water</i> —From a tank. <i>Supplies</i> —On notice.
		39	NANDGAON .—15 m. 1 f Country open.
		401 m. 5 f.	b., p. o., L. S., R. S. A large Zamindari village. <i>Camping Ground</i> —N. of tank <i>Water</i> .—Plentiful. <i>Supplies</i> —Plentiful.

ROUTE No. VII.*

AUTHORITIES		No. of stage and total distance	
Civil	Military		
DEPUTY COMMISSIONER, RAIPUR	GENERAL OFFICER COMMANDING, JUBBULPUR BRIGADE.	40	SAMNI.—7 m. 3 f. Country flat. A small village.
		409 m.	Camping Ground.—W. of village. Water.—From tank. Supplies.—On notice.
		41	DRUG.—10 m. 1 f. Country flat A large village, tahsil headquarters.
		419 m. 1 f.	Camping Ground.—Good, E. of village. Water.— } Abundant. Supplies.— }
		42	BHILAI.—9 m. 4 f. A small village. p o, r. s., t. s.
		423 m. 5 f.	Camping Ground.—Good, S.-E. of village. Water.—Abundant. Supplies.—On notice.
		43	RAIPUR.—15 m. 4 f.—Headquarters of district and of Chat-targah division.
		434 m. 1 f.	Camping Ground.—Good, near b., private. Water.—Abundant, including a Public Works Department well in good order. Supplies.—At 24 hours notice one hundred sheep, a thousand mds. wheat, ten thousand mds. rice, one thousand mds. gram, fifty mds. fodder. These amounts could be roughly trebled in a week, while in the latter time 200 bullock carts, 400 pack animals (mules, ponies and bullocks) and 2,000 coolies could be collected.

DISTANCES	No. of stages and total distance	ROUTE No. VII.	
Miles			
456 m. 1 f.	44	NAWAGAON—12 m p o.	Metalled road, about 9 ft wide, in fair re- pair Country under rice cultivation
		At 3½ m. iron bridge, with Irish bridge at side. A small village. Camping Ground—E of village, large, open, partly demarcated Water—Pucca well, a tank for animals. Supplies—Nil.	
466 m. 5 f.	45	ARANG—10 m 4 f.	Road throughout very heavy with thick dust, becoming worse after m 5. At 3 m cross river by Irish bridge, easy approaches
		A large village with dispensary. Camping ground—Small, to E Water—Two wells, one a Public Works De- partment, one in fair order, tank for animals. Supplies—Nil.	
478 m. 1	43	TUMGAON—11 m 4 f.	Road in fair repair, but very heavy in places At 3½ m.
		Mahanadi river 400 yds broad, bed sandy, approaches easy, road on mud track and brushwood bridge, both in bad repair. At 9 m. 1 f. cross small river 150 yds. broad, bed sandy, by brushwood bridge. A large village Camping Ground—Good, small to N.-E.	

AUTHORITIES		No of stage and total distance.	ROUTE No. VII.
Civil.	Military		
DEPUTY COMMISSIONER, RAIPUR	GENERAL OFFICER COMMANDING, JHBBULPUR BRIGADE.		<p><i>Water</i>—good from Public Works Department well, tank for animals. <i>Supplies</i>.— On notice.</p>
		47	<p>BODRA.—9 m 1 / Road good for 2 m, then b, p. o. a rough track, im- passable in wet weather. Jungle on both sides of road. Cross a na'a, unbridged. A small village <i>Camping Ground</i>.—N, small and covered in silt <i>Water</i>—One well <i>Supplies</i>—Nil</p>
		497 m. 2 /	
		48	
		436 m. 1 /	<p>JHALAP.—8 m 7 / Road in bad repair, with b. jungle on both sides. Cross a few na'as, un- bridged. A small village <i>Camping Ground</i>—S, small but good. <i>Water</i>—From wells (one Public Works De- partment well in good order); a tank for animals. <i>Supplies</i>.—On notice.</p>
		49	<p>SEWAYA—11 m. Road hopelessly bad, b. jungle on both sides. At 8 m. H R sandy river bed, 30 yds broad, approaches easy. At 10 m. Pithora (branch p. o.), civil offices. A small village. <i>Camping Ground</i>.—S. <i>Water</i>.—From Public Works Department well. <i>Supplies</i>—On notice.</p>
		507 m. 1 /	

ACTIVITIES.		No of stage and total distance	ROUTE No. VII.
Civil	Military		
DEPUTY COMMISSIONER, RAIPUR. GENERAL OFFICER COMMANDING, JUDHUPUR BRIGADE.		EO	SANKRA—9 m. Road very heavy and in b. very bad condition, through undulating country. Cross several unbridged nales, and, at end of March, Jok river 300 yds broad, bed sandy.
		516 m. 1 f.	A small village. Camping Ground—N, very small and very dirty, close to b. Water—One well with pulleys, water good, close to G C, another on W. bank of Jok river Supplies—Procurable.
		51	BASNA.—12 m Cross Jok river. b, p o.
		528 m. 1 f.	A small village Camping Ground.—N.-W Water—Good, from wells and tank Supplies—Procurable
		52	SERAIPALI.—12 m. 3 f. Country open, cross several nales, un- bridged
		540 m 4 f.	A small village Camping Ground —S, ground cleared of brush- wood once a year. Water.—Good, from pucca well. Supplies—Procurable.

ROUTE No. VII.

AUTHORITIES		No of stage and total distance.	
Civil	Military		
DEPUTY COMMISSIONER, RAIPUR.	GENERAL OFFICER COMMANDING, JUBBULPUR BRIGADE.	53	SINGHORA.—12 m. Cross several nalas, unbridged. Country jungly.
		552 m. 4 f.	A small village. Camping Ground.—E, good, cleared once a year Water —From wells Supplies.—Procurable.
		54	SOHELA or HALDIPALI —10 m.
		508 m. 4 f.	A village Camping Ground —Close to a stream. Water —From a tank close by. Supplies —Procurable. From here onwards in 8th (Lucknow) Division. To Midnapore in 29 marches, distance 291 m. 3 f. (see Volume VIII of 1910).

Route No. VIII.

FROM PALASNE TO DOHNI.

(PORTION OF MAIN BOMBAY-CHUMBI ROAD.)

Length 491 m. 3 f.

42 marches.

Authority and date:—Mhow to Sarangpur, Lieutenant Noyes, 2nd Rajputs, April 1911; Sarangpur to Udonkheri, Lieutenant Edwards, 39th C. I. H., April 1911.

Epitome.—The road generally is a made one, metalled and bridged with causeways over most of the rivers, passable except when in flood. The Nerbada is a small river, but the bridge is a good one and is

beautiful, but in some stages arrangements have to be made previously. The road as far as Supri is known as the Bombay-Agra road. Passable for motors.

ATTACHMENTS.		No of stage and total distance	ROUTE No. VIII.
Civil	Military		
STUDENT AT INDORE, GENERAL OFFICER COMMANDING, 511 (MHOW) DIVISION.			PALASNE —From Bombay in 24 marches, distance 263 m. 5 f., In 6th (Poona) Division, (see Volume VI of 1910)
		1	SENDWA .—12 m. 4½ f. A small village with b.
		12 m. 4½ f.	brick. <i>Camping Ground</i> .—9 acres, demarcated, S.E. of village near bungalow. <i>Water</i> .—From nala and Motibagh well. <i>Supply</i> .—Abundant; transport available

ROUTE No. VIII.

AUTHORITIES		No. of stage and total distance.	
Civil	Military		
POLITICAL AGENT, BHOPALWAR, MANTPUR.	GENERAL OFFICER COMMANDING, 5TH (MHOW) DIVISION.	2	JALWANIA.—15 m. 1½ f. Made road, metalled and bridged, but bad for motors, at 2 m. 2 f.
		27 m. 6 f.	80 houses, Dharamsala and b.
			Camping Ground.—Native State property 15 acres with boundary pillars. 400 yds. S. of village.
RESIDENT AT INDORE.		3	Water.—From Deb river and nala (dry in March). A well dug in river bed in hot weather.
		42 m. 1½ f.	Supplies.—Scarce.
			KHURUMPURA.—14 m. 3½ f.—Made road, bridged. Country open partly cultivated partly scrub jungle. Cross Deb river and Bhangle river by causeways, similar to that in last stage.
		4	80 houses, dharamsala and b.
		51 m. 2½ f.	Camping Ground.—10 acres demarcated, 100 yds. N. of village near b.
			Water.—From 2 wells and nala (dry in March).
			Supplies.—Scarce. One month's notice required.
			KHALGHAT.—12 m. 1 f. At 1 m. 1 f. cross Sagar nala (bridged), at 4 m. 5½ f. pass Tikri Dharamsala, ½ m. W. of Tikri town (600 houses), dispensary and Headquarters of

ATTRIBUTES

No.
of
stage
and
total
distance.

ROUTE No. VIII.

Civil Military

POLITICAL AGENT, DHOGAMAR, MANTUR.

GENERAL OFFICER COMMANDING, 5TH (MHOW) DIVISION.

Parganah, at 5 m. 2 f. cross Borar river by causeway as above; at 8 m., 1 f. Lamani, 500 houses Dharmasala and ginning factory; 11 m. 1½ f. Khalghat where cross Narbada to Kalghat Uttar (N. bank), 1,320 yds. wide; bed rocky, banks steep, by a trestle bridge from October and a flying bridge in the rains. Enquiries should be made in advance about trestle bridge.

300 houses, Dharmasala and Bazar, on N. bank of Narbada river.

Camping Ground.—1 acres Darbar property, with boundary pillars.

Water.—From river.

Supplies.—Abundant. Here passes Route No 20 from Baroda to Kampti

5. GUJRI.—13 m 2½ f. At 2 m 7 f. Chawki and well old road from

67 m.
5½ f.

Akbarpur joins on right: at 3 m. cross Buti nala (bridged) at 4 m., Dhammund, 375 houses bazar on Friday, at 5 m. 7½ f. Gulyhera; at 6 m. 3 f. cross Buti nala (paved) 25 yds wide, bed sandy, banks easy, fordable one day after heavy rain. At 6 m. 7 f. Dudi at 9 m. 3 f. Nandrapur alias Dhangaoon; at 10 m. 7 f. a metalled road branches off to Mandoo, 15 m., the ancient capital of Malwa and to Dhar on Route XII, 23 m. General direction N.-W. At 12 m. 3½ f. cross Karam river by pakka causeway submerged only in high floods. Made road (bridged).

A large village at junction of Bukup and Karam river.

ROUTE No. VIII.

AUTHORITIES.		No of stages and total distances.	
Civil	Military.		
POLITICAL AGENT, BHOPALWAR, MANPUR.	GENERAL OFFICER COMMANDING, 5TH (MHOW) DIVISION.	6	<p><i>Camping Ground.</i>—State property 85,400 sq. yds (with boundary pillars) 543 yds. S.E. of village.</p> <p><i>Water.</i>—From <i>nalas</i> and wells.</p> <p><i>Supplies.</i>—Abundant.</p> <p><i>Transport.</i>—Available.</p>
		80 m. 6½ f.	<p>MANPUR.—13 m 1 f. At 3 m. 3½ f. Bankaner; b. at 4 m. begin ascent of Parasmal Ghat 1 m. 3 f. long, easy for carts; at 8 m. 3 f. cross Ajnar river (bridged); at 8 m. 6 f. foot of Gara Ghat, easy for carts, at 9 m. 6½ f. top of Ghat.</p> <p>A small civil station; dispensary and Dharmshala. Country road from Dhar joins on left here.</p> <p><i>Camping Ground.</i>—7 acres, demarcated, Darbar property, 900 yds. from village.</p> <p><i>Water.</i>—From <i>nalas</i> and wells.</p> <p><i>Supplies.</i>—Abundant.</p>
RESIDENT AT INDORE.		7	<p>MHOW.—13 m. 4½ f. Metalled road, country b. p. o. i s. r. s. open At 2 m. 5 f. cross Karam river</p>
		94 m. 3 f.	<p>pared. 70 yds. wide, bed rocky, banks easy;</p> <p><i>Camping Ground.</i>—On race course, N. of British Cavalry line.</p> <p><i>Water.</i>—</p> <p><i>Supplies.</i>—</p> <p>Abundant.</p>

ARTIFICIAL

No.
of
stages
and
total
distance.

ROUTE No. VIII.

Civil	Military		
RESIDENT AT INDORE	CENTRAL OFFICER COMMANDING, 5TH (MHOW) DIVISION.		Here cross Main Routes III and XII By Main Route III to Nasrat ad (29 marches) By Main Route XII to Ahmedabad (21 marches). and Jubbulpur (31 marches).
		8	INDORE.—13 m 6 f. At 1 m. N of Satir nala b, p o, l s, r. s (bridged) to Kishen Pura, at 3½ m. Umaria at 6½ m Rao (r. s) on left, at 10 m. Garbari;
		108 m 1 f	A large city, capital of Mowhar's territory, on left bank of Khan nala The British Residency and cantonment is about 1 m E of city Camping Ground—1 m beyond Indore on E. of road, 2½ acres Water—Well in compound of Rutlam kothi. Supplies.—Abundant
		9	DAKACHIA.—12 m 7 f Good made road. Country undulating and partly cultivated,
		121 m	soil mixed At 9 m Mangha. A small Jagir Camping Ground—3102×50 yds, about 800 yds W. Water—From a few wells and a tank. Supplies—Scanty. For 100 men for a few days Fuel and grass—Nil A small amount of transport.

ROUTE No. VIII.

AUTHORITIES		No of stage and total distance	
Civil.	Military.		
RESIDENT, GWALIOR.	POLITICAL AGENT, MALWA, AT AEMUCH.	GENERAL OFFICER COMMANDING, 5TH (MHOW) DIVISION.	
		10	DEWAS.—10 m. 1 f. At 3 m. 1 f. cross Sipra b, p o, l. s. river 105 yds. wide, led sandy and rocky, banks easy; at 5 m. 7 f. pass Bhajolku; country undulating; good made road, soil mixed. A moderate-sized town; small amount of transport available. <i>Camping Ground</i> .—About 90 yds. N.-E. The ground is cleared, but there is no shade, 11 acres. <i>Water</i> .—Laid on by pipes, insufficient in hot weather. Well in dak bungalow compound. <i>Supplies</i> .—Abundant.
		131 m. 1 f.	
		11	TONK.—11 m 5 f. Country well cultivated b. good metalled road; at 2 m. 6 f. pass Bhajolku; at 5 m 5 f. Sia; at 10 m. 6 f. cross Tilar nala (bridged). Small village in Gwalior State. <i>Camping Ground</i> .—89,000 sq yds, civil property, boundary pillars, about 245 yds N.-12. <i>Water</i> .—From wells, tank and Tilar nala. <i>Supplies</i> .—Abundant.
		142 m. 6 f.	
		12	MAKSEE.—0 m 7 f. Country well cultivated, good metalled road; soil mixed; at 1 m. pass Bhairwa Kheri; at 4 m. 6 f. Pipha; at 10 m. cross Tilar nala (bridged). A large village in Gwalior territory; small amount of transport available. <i>Camping Ground</i> .—200×150 yds. E. of road and opposite b. private property, boundary pillars.
		152 m. 5 f.	

PRECEDENCE.

MILITARY

No.
of
stage
and
total
distance

ROUTE No. VIII.

POLITICAL AGENT, MALWA,
AGRA DIVISION

GENERAL OFFICER COMMANDING, 5TH (MHOW) DIVISION.

		Water—From 8 wells 18 ft. to 30 ft. deep and nala.
		Supplies—Procurable after due notice
13		SHAHJAHANPUR—14 m 4 f Good metal- b, p o led road. Cross
167 m. 1 f		Lakhundar river at 8½ m by causeway No ferry during rains. Low ranges of hills in last four miles. A large town in Gwalior territory Camping Ground—22 acres, demarcated, on the near side of Tilar nala near Po Water.—Well 100 yds distant Supplies—Abundant; a small amount of trans- port available
14		SARANGPUR.—17 m. Road metalled. Country cultivated, with occasional jungle. Cross
184 m. 1 f.		Tilar (bridged) at starting; descend gradually after 6th m and cross Kali Sind at end of stage, by causeway in dry weather, and by ferry (one boat carries 15 men) in rains Camping Ground—24 across, between town and road (shady) Water.—Good from 7 wells; 24 to 30 ft. deep; also from the Kali Sind ½ m. distant. Supplies—Abundant; a small amount of trans- port available. Route 31 to Agar and Neemuch starts here
15		UDONKHERI.—11 m. 1 f Road metalled and b. bridged Country scantily cultivated.
195 m. 2 f		A small village.

AUTHORITIES.		No. of stage and total distance.	ROUTE No. VIII.
Civil.	Military.		
POLITICAL AGENT, BHOPAL.	RESIDENT, AT GWALIOR.		<p><i>Camping Ground</i>—250 × 250 yds. E. of road and $\frac{1}{2}$ m S of b, demarcated. <i>Water</i>—Well near by, needs clearing. <i>Supplies</i>—From Parna 11 m. distant; on notice.</p>
		16	<p>PACHHAR—7 m. 7 f. Country and road as above. On nearing Pachhar cross the Newaj, by causeway in the dry season, by ferry (1 boat to carry 20 men) in rains. At 11 m. a metalled road runs to Khujner 8½ m. distant. A fair-sized village in Narasingarh State.</p>
		203 m. 1 f.	<p><i>Camping Ground</i>—250 × 250 yds. W. of road, demarcated. <i>Water</i>—From a small well, and from the Newaj. <i>Supplies</i>—Procurable.</p>
		17	<p>KARANWAS—8 m. 1 f. Country and road as before. A village in Rajgarh State.</p>
GENERAL OFFICER COMMANDING, JUHANSI BRIGADE.		211 m. 2 f.	<p><i>Camping Ground</i>—350 × 250 yds. between village and road, not kept cleared. <i>Water</i>—From wells with trough on road (good). <i>Supplies</i>—Scarce.</p>
		18	<p>BIAORA—10 m. 4 f.—Country level and cultivated, road as before. Cross the Duda 11 m. and the Ajnar before reaching Biaora by causeway, unfordable when in flood. Dispensary in village, small amount of transport available. A small town in Rajgarh State. <i>Camping Ground</i>—500 × 250 yds. opposite p. o. and E. of road.</p>
		221 m. 6 f.	

AUTHORITIES.		No of stage and total distance.	ROUTE No. VIII.
Civil	Military		
RESIDENT, AT GWAYION.	GENERAL OFFICER COMMANDING, JHANSI BRIGADE.		<p><i>Water</i>—Abundant, good from well in front of, and another in rear of, C. G. <i>Supplies</i>.—Plentiful</p>
		19	GORAPCHAR —10 m. 3 f. Country at first covered with low scrub, afterwards well cultivated; road as before. From here a metalled road runs N.W. to Rajgarh, distant about 15 m. A small village with Serai on right bank of the Gorapchar
		232 m. 1 f.	<p><i>Camping Ground</i>—450 × 275 yds near river. <i>Water</i>—From a well (8 ft. in diameter, depth of water in June 4 ft.) <i>Supplies</i>—Scarce</p>
		20	BINAGAON —8 m. Country and road as above. A village 2 m. from the large village of Chachora; small amount of transport. Route 77 crosses here (Chachora) From Saugor (11 marches) via Sivous; and Neemuch (13 marches) via Jhalrapatan
		240 m. 1 f.	<p><i>Camping Ground</i>—1,200 × 1,200 yds E. of road and marked by 4 boundary pillars.</p> <p><i>Water</i>.—From a well on C. G. 8 ft. in diameter (depth of water in June, 11 ft.) <i>Supplies</i>—Plentiful.</p>
		21	PARBATI RIVER —14 m. Country and road as above; cross the Parbati river at end of stage by causeway, except for 3 months in the rains, where
		254 m. 1 f.	

AUTHORITIES

Civil

Military

No
of
stage
and
total
distance

ROUTE No. VIII.

RESIDENT AT GWALIOR.

GENERAL OFFICER COMMANDING, JHANSI BRIGADE.

- a boat (capacity 50 men) is used when water is low, motors can cross by the causeway, banks very steep.
 Small village of Khara 1 m. W. of camp.
 Camping Ground—1,535 × 935 yds. W. of road and near village, marked by boundary pillars
 Water—Good, from wells in village.
 Supplies.—Scarce.
- 22
 268 m
 1/
- ROTIHAI**—14 m. Country and road as above. A very small village on left bank of the Chowput river
 Goona-Indore road crosses the N.-E. corner of camp
 Camping Ground—550 × 200 yds. N.-W. of village between river and railway marked by boundary pillars.
 Water—Plentiful and good from well in b. com-
 loons, or distant,
- 23
 281 m
 1/
- GOONA**.—13 m. Country very hilly, road as b. p. o. l. s. r. s. In last stage; the
 port available.
 Camping Ground.—Near hospital and police station marked by boundary pillars (1,350 × 850 yds.) on black soil W. of town.

AUTHORITIES		No of stages and total distance
Civil	Military	

ROUTE [No. VIII.]

Water.—From wells in adjacent gardens and from well near hospital.

Supplies—Plentiful.

24

BHADAURA.—12 m. Country and road as above, pass Belomi 6 m. Patni at 8 m.

293 m.

1 f.

A moderate sized village and fort; small amount of carriage available.

Camping Ground—1,000 × 800 yds. close to village and demarcated.

Water.—From a well 18 ft. in diameter, depth of water in June, 6 ft.

Supplies—Procurable.

25

BARKHERA or AMKHERA—9 m. Country as above. At 4 m.

202 m.

1 f.

Route 74 branches off to N.-E. to Jhansi (8 marches). Pass serai at 7½ m. Road metalled and bridged.

A small village.

Camping Ground.—170 × 100 yds. W. of road, partially flooded in rains.

Water.—From well (8½ ft. in diameter, depth of water in June 8 ft.).

Supplies—Scarce.

26

BUDERWAS—9 m. Country and road as before.

311 m.

1 f.

A good-sized village. *Camping Ground*—Extensive, but full of holes; marked by 4 boundary pillars.

Water.—From well on C. G.

Supplies—On notice.

AUTHORITIES		No of stage and total distance.	ROUTE No. VIII.
Civil	Military.		
RESIDENT AT GWALIOR. GENERAL OFFICER COMMANDING, JHANSI BRIGADE.			<p>a boat (capacity 50 men) is used when water is low; motors can cross by the causeway, banks very steep.</p> <p>Small village of Khara 1 m. W. of camp.</p> <p>Camping Ground—1,535 × 935 yds. W. of road and near village, marked by boundary pillars</p> <p>Water—Good, from wells in village</p> <p>Supplies—Scarce.</p>
		22	<p>ROTIHAI—14 m. Country and road as above. A very small village on left bank of</p>
		268 m 1/	<p>the Chowput river</p> <p>Goona-Indore road crosses the N.-E. corner of camp</p> <p>Camping Ground—550 × 200 yds. N.-W. of village between river and railway marked by boundary pillars</p> <p>Water—Plentiful and good from well in b. compound and another in village.</p> <p>Supplies.—Must be procured from Goona, or from Raghogarh, a large village 7 m. distant, but road to latter rough and hilly.</p>
		23	<p>GOONA.—13 m. Country very hilly, road as b., p. o., l. s., r. s. In last stage; the Chowput river is crossed by masonry bridge, fit for all arms.</p> <p>A cantonment and town, small amount of transport available.</p> <p>Camping Ground.—Near Hospital and police station marked by boundary pillars (1,350 × 850 yds.) on black soil W. of town.</p>
		281 m. 1/	

AUTHORITIES		No of stage and total distance.	ROUTE No. VIII.
Civil	Military		
RESIDENT AT GWALIOR	GENERAL OFFICE COMMANDING, JILANSI BRIGADE.	30	MITLONI —7 m Country less hilly and more cultivated, road as before
		362 m 1 f.	A small village near left bank of the Sind river. <i>Camping Ground</i> —200×100 yds near bridge over Sind river <i>Water</i> —Good from river. <i>Supplies</i> —Scarce.
		31	KARERA —14 m. Country very hilly, thick, stony, jungle, road as before Cross the
		376 m 1 f.	Sind on starting; pass Anola (several wells about here about $\frac{1}{2}$ m after crossing the Sind. Cross Mohwar at end of stage. A small town <i>Camping Ground</i> —200×200 yds on bank of Mohwar and $1\frac{1}{2}$ m W of town <i>Water</i> —Good from Mohwar river. <i>Supplies</i> .—Procurable.
		32	DINARA —12 m Country and road as above b, p.o. Cross the Bilini stream at 5 m. by a stone bridge
		288 m 1 f.	way. A large village. <i>Camping Ground</i> —Near road and about $\frac{1}{2}$ m. from village
RESIDENT COMMISSIONER, JILANSI.		23	RAKSA .—8 m. 4 f. Country scrub jungle, hilly and stony; road as above; pass Dangar-
		396 m. 5 f.	wala at 5 m A small village.

AUTHORITIES		No of stage and total distance	ROUTE No. VIII.
Civil	Military.		
DEPUTY COMMISSIONER, JHANSI	GENERAL OFFICER COMMANDING, JHANSI BRIGADE.		<p><i>Camping Ground</i>.—On road side, $\frac{1}{2}$ m. W. of village.</p> <p><i>Water</i>.—Plentiful, good, from a stream, and a well on C. G.</p> <p><i>Supplies</i>.—Must be collected.</p>
		34	<p>JHANSI.—7 m 4 f. Country flat, scrub jungle b, p, o, t, s, r s and little cultivation; road metalled, bridged and kept in good order. Cross the Pahuj river at $4\frac{1}{2}$ m. A large walled city with fort, large cantonment. Headquarters of brigade and civil station; an unmetalled road runs from here to Goona, practicable for wheeled traffic except during rains. (Route 74)</p> <p><i>Camping Ground</i>.—Several</p> <p><i>Water</i>.—Plentiful on all C. G.</p> <p><i>Supplies</i>.—Abundant.</p>
		404 m. 1 f.	
		35	<p>BARWA SAGAR.—10 m 6 f. Flat scrub jungle with a little cultivation; road as above cross the Betwa river at $7\frac{1}{2}$ m., by ferry (boats) impassable in heavy floods; railway bridge $1\frac{1}{2}$ m. up stream, but no road to it. A large village.</p> <p><i>Camping Ground</i>.—155,000 sq yds, $\frac{1}{2}$ m. from village, on roadside and W. of large lake</p> <p><i>Water</i>.—Plentiful and good from wells, on, (and for animals) and from canals near, C. G.</p> <p><i>Supplies</i>.—Procureable.</p>
		414 m 7 f.	
		36	<p>SAKRAR.—10 m. 3 f. Country and road as above.</p> <p>A small village.</p>
		425 m 2 f.	

AUTHORITIES

Cvt. Military

No. of
stages
and
total
distance.

ROUTE No. VIII.

DEPUTY COMMISSIONER, JHANSI

GENERAL OFFICER COMMANDING, JHANSI BRIGADE

		<p><i>Camping Ground</i>—400×190 yds., $\frac{1}{4}$ m. from village, close to road and about 200 yds. from a small tank where animals may be watered.</p> <p><i>Water</i>—Good, from 1 well on, and others near, C. G.</p> <p><i>Supplies</i>—On notice.</p>
37		<p>BANGRA—8 m. Country and road as in last stage Arjar r.s. is about 3 m. S.-W. of village</p> <p>A small village</p> <p><i>Camping Ground</i>—300×170 yds. $\frac{1}{2}$ m. from village near road.</p> <p><i>Water</i>—Plentiful and good from 1 well on, and others close to, C. G.</p> <p><i>Supplies</i>—On notice.</p>
43½ m 2 f.		
38		<p>MAU—11 m. 4 f. Country undulating, rocky b, p o, l s, r.s. and chiefly jungle, road good, metalled and bridged; cross the Sukni on starting by ford or by bridge 2 m. E. of town.</p> <p>A town.</p> <p><i>Camping Ground</i>—229,460 sq yds. about 1½ m. S.-E. of town.</p> <p><i>Water</i>.—Plentiful and good from 2 wells on C. G.</p> <p><i>Supplies</i>—Abundant.</p>
444 m 6 f.		
39		<p>ALIPURA.—12 m. 6 f. Country and road as p o. above, except at Dhasan which is crossed on starting by ford in dry season, by ferry (2 boats each carrying 40 men) in the rains.</p>
457 m. 4 f.		

AUTHORITIES		No of stages and total distance	ROUTE No. VIII.
Civil	Military		
DEPUTY COMMISSIONER, JHANSI.	GENERAL OFFICER COMMANDING, JHANSI BRIGADE.		<p><i>Camping Ground</i>.—On road side, $\frac{1}{2}$ m. W. of village</p> <p><i>Water</i>.—Plentiful, good, from a stream, and a well on C. G.</p> <p><i>Supplies</i>.—Must be collected.</p>
		34	<p>JHANSI.—7 m 4 f. Country flat, scrub jungle and little cultivation; road metalled, bridged and kept in good order. Cross the Faluj river at 4$\frac{1}{2}$ m. A large walled city with fort; large cantonment Headquarters of brigade and civil station; an unmetalled road runs from here to Goona, practicable for wheeled traffic except during rains. (Route 74)</p> <p><i>Camping Ground</i>.—Several</p> <p><i>Water</i>.—Plentiful on all C. G.</p> <p><i>Supplies</i>.—Abundant.</p>
		404 m 1 f.	
		35	<p>BARWA SAGAR.—10 m 6 f. Flat scrub jungle with a little cultivation; road as above, cross the Betwa river at 7$\frac{1}{2}$ m., by ferry (3 boats) impassable in heavy floods; railway bridge 1$\frac{1}{2}$ m. up stream, but no road to it. A large village.</p> <p><i>Camping Ground</i>.—165,000 sq yds, $\frac{1}{2}$ m. from village, on roadside and W. of large lake</p> <p><i>Water</i>.—Plentiful and good from wells, on, (and for animals) and from canals near, C. G.</p> <p><i>Supplies</i>.—Procurable.</p>
		414 m 7 f.	
		36	<p>SAKHAR.—10 m 3 f. Country and road as above.</p> <p>A small village.</p>
		425 m. 2 f.	

ROUTE No. VIII.

AUTHORITIES		No. of stage and total distance.	
Civil.	Military.		
DEPUTY COMMISSIONER, JHANSI. GENERAL OFFICER COMMANDING, JHANSI BRIGADE.			<p><i>Camping Ground</i>—400×100 yds, $\frac{1}{2}$ m from village, close to road and about 200 yds from a small tank where animals may be watered. <i>Water</i>—Good, from 1 well on, and others near, C. G. <i>Supplies</i>—On notice.</p>
		37	<p>BANGRA—8 m Country and road as in last stage Arjar <i>rs</i> is about 6 m. S.-W. of village. <i>A small village</i> <i>Camping Ground</i>—300×170 yds. $\frac{1}{2}$ m. from village near road. <i>Water</i>—Plentiful and good from 1 well on, and others close to, C. G. <i>Supplies</i>—On notice.</p>
		38	<p>MAU—11 m 4 f. Country undulating, rocky b. p o, t s, r s and chiefly jungle, road good, metalled and bridged; cross the Sukni on starting by ford or by bridge 2 m E of town <i>A town</i> <i>Camping Ground</i>—229,460 sq yds about 1$\frac{1}{2}$ m. S.-E of town <i>Water</i>—Plentiful and good from 2 wells on C. G. <i>Supplies</i>—Abundant.</p>
		39	<p>ALIPURA—12 m 6 f. Country and road as p o above, except at Dhasan which is crossed on starting by ford in dry season, by ferry (2 boats each carrying 40 men) in the rains.</p>

ROUTE No. IX.

FROM SIPRI TO TEHRA.

*Length 135 m. 2 f.**11 marches.***POSITION OF MAIN ROUTE FROM BOMBAY TO JUTOGH.**

Authority and date.—Stages 1 to 5, Captain Morris, 30th Lancers, April 1911; stages 6 and 7, Captain Willford, 30th Lancers, October 1911; stages 8 to 11, Officer Commanding P. Battery, Royal Horse Artillery, November 1908.

Epitome.—To Sipri by Route VII. Thence a metalled road, with a light railway running alongside and often on the roadway, as far as Gwalior.

The road is fit for motors throughout; near Gwalior there is a succession of up and down gradients, none very steep; the drivers must look out for Irish bridges in the hollows. The Chambal river is crossed by a bridge of boats in the dry season, and by a ferry in the rains. There are sign posts at most of the cross roads. The road is generally known as the Bombay-Agra road.

. By Route VIII from Bombay in 52 marches, length 600 m. 6 f.

AUTHORITIES

Civil.	Military.	No of stage and total distance.	ROUTE No. IX.
RESIDENT AT GWALIOR.	G. O. C. JHANSI BRIGADE.	1	
		9 m. 6 f.	<p>SANTANWARA—9 m 6 f. Good metalled road throughout.</p> <p><i>Camping Ground.</i>—400×360 yds. marked by 4 boundary pillars.</p> <p><i>Water.</i>—Good from nala, and tank 500 yds. S.E. of camp.</p> <p><i>Supplies.</i>—</p>

AUTHORITIES.		No. of stage and total distance	ROUTE No. IX.	
CIVIL	MILITARY			
RESIDENT AT GUANIOR.	GENERAL OFFICER COMMANDING, JHANSI BRIGADE	2	CHORPURA. —14 m. Road as above. b, p, s, t. Pass Kakar at 1 m. dāk bungalow at 0 m. and Choral Khara near end of stage.	
		23 m 6 f.	A small village. Camping Ground—530 x 24 yds 600 yds. W. of village, with boundary pillars. Water.—Good from 2 wells, and stone trough which requires mending, near C. G. Supplies—Scarce.	
		3	MAHONA —11m 7/—Road as above b, p, s, t. Cross nala at 11 m. by a permanent causeway, a branch of river at 8½ m and Parbat river at 11 m, both by stone bridges	
		25 m 5/	A good mixed village Camping Ground.—165,000 sq yds about 100 yds N of village, rough, in old burial ground. Water—Good from wells and the Parbat river, 1 m Supplies—On notice	
		4	GHATI WALGAON —16m Road as above b, r s, t. s Country jungly and stony; hills at Reliat. Cross a branch of Parbat at m. 1.	
		111 m 5/	Camping Ground—400 x 400 yds bad and stony, demarcated, ½ m, S-W. of village. Water—Poor supply. Supplies—Scarce	

ROUTE No. IX.

FROM SIPRI TO TEHRA.

*Length 135 m. 2 f.**11 marches.***POSITION OF MAIN ROUTE FROM BOMBAY TO JUTOGH.**

Authority and date.—Stages 1 to 5, Captain Morris, 30th Lancers, April 1911; stages 6 and 7, Captain Wilford, 30th Lancers, October 1911; stages 8 to 11, Officer Commanding P. Battery, Royal Horse Artillery, November 1908.

Epitome.—To Sipri by Route VI.I. Thence a metalled road, with a light railway running alongside and often on the roadway, as far as Gwaior.

The road is fit for motors throughout, near Gwalior there is a succession of up and down gradients, none very steep; the drivers must look out for Irish bridges in the hollows. The Chambal river is crossed by a bridge of boats in the dry season, and by a ferry in the rains. There are sign posts at most of the cross roads. The road is generally known as the Bombay-Agra road.

. By Route VIII from Bombay in 52 marches, length 606 m. 6 f.

AUTHORITIES		No of stage and total distance.	ROUTE No. IX.
Civil.	Military.		
RESIDENT AT GWALIOR.	G. O. C. JHANSI BRIGADE.	1	SANTANWARA. —9 m 6 f. Good metalled road throughout. <i>b., p s., t.s.</i> <i>Camping Ground.</i> —400 x 360 yds. marked by 4 boundary pillars. <i>Water.</i> —Good from nala, and tank 500 yds. S.-E. of camp. <i>Supplies.</i> —
		9 m. 6 f.	

ATTRIBUTES.

CIVIL MILITARY

No.
of
stages
and
total
distance

ROUTE No. IX.

RESIDENT AT GWALIOR.

GENERAL OFFICER COMMANDING, JHANSI BRIGADE

			CHORPURA —14 m. Road as above. <i>b, p s, t s</i> Pass Khar at 1 m. dāk bungalow at 9 m.
23 m. 6/			and Choral Khara near end of stage A small village <i>Camping Ground</i> —530×24 yds 600 yds W of village, with boundary pillars. <i>Water</i> .—Good from 2 wells, and stone trough which requires mending, near C. G. <i>Supplies</i> —Scarce
3			MAHONA —11m 7/—Road as above. <i>b, p s, t s</i> Cross nala at 6 m. by a permanent cause- way, a branch of river
25 m. 5/			at 8½ m and Parbatī river at 11 m, both by stone bridges. A good sized village. <i>Camping Ground</i> —165,000 sq. yds about 100 yds S of village, rough, in old burial ground. <i>Water</i> —Good from wells and the Parbatī river, 1 m. <i>Supplies</i> .—On notice.
4			GHATIWALGAON —15m Road as above <i>b, r s, t s</i> Country jungly and stony; hills at Rehat.
50 m. 5/			Cross a branch of Parbatī at m 1. <i>Camping Ground</i> .—400×400 yds bad and stony, demarcated, ½ m., S.-W. of village. <i>Water</i> —Poor supply. <i>Supplies</i> —Scarce.

ROUTE No. IX.

AUTHORITIES		No. of stage and total distance	
Civil	Military		
POLITICAL AGENT AT DHOLPUR.	G O. C. NASIRABAD BRIGADE.	11	TEHRA —12m 3f.—Road as above Country level, sandy and culti- vated. In 7th (Meerut) Division. To Agra 10 miles. See Volume VII of 1910
		135 m. 2/	

Route No. X.

FROM KIMCHAUKI TO FIROZEPUR JHIRKA.

Length 659 m.

64 marches.

Authority and date (month and year).—Umarwada to Baroda, Lieutenant C. P. Nicholas, 94th Infantry, June 1909; Ahmedabad to Deesa, 108th Infantry, November 1905; Deesa to Erinpura, 5th Ammunition Column, Royal Field Artillery, October 1910; Kishengarh to Dausa, Major Stevenson, D.S.O., Royal Field Artillery, July 1911; Dausa to Firozpur Jhirka, Major Thomas, 44th Merwaras, 1911.

Footnote.—As far as Nadiad a heavy country cart-track over black track, Kishengarh to Dausa a metalled road, Dausa to Baswa a sandy track, which is execrable as far as Gudha, Baswa to Firozporo Jhirka a made road. The Nerbadda river at Broach is never fordable; there is a regular ferry service.

AUTHORITIES		No of stages and total distance	ROUTE No. X.
Civil	Military		
COLLECTOR AT BROACH	G O C, 5TH (MHOW) DIVISION		<p>KIMCHAUKI—From Bombay in 21 marches distance 226 m 3 f.</p> <p><i>Camping Ground</i>—49 acres 1,100 yds. N-N.-E of Chauki, on S of bank of Kim river</p> <p><i>Water</i>—From wells; tank in cold weather.</p> <p><i>Supplies</i>.—Abundant from villages in the neighbourhood.</p>

AUTHORITIES		No of stages and total distance	ROUTE No. X.	
Civil.	Military			
COLLECTOR AT BROACH.	GENERAL OFFICER COMMANDING, 5TH (MHOW) DIVISION.	1	UMARWADA. —12m. 2f. Rough cart-track. Country level and cultivated, black cotton soil	
		12 m 2 f	At start cross Kim river banks steep and difficult for carts At 8 m. 1 f. Panoli (r. s.). A moderate sized village. <i>Camping Ground</i> —380 yds. to S-E near tank. <i>Water</i> .—Fine walled tank, holds water for greater part of year <i>Supplies</i> .—Procureable from neighbouring villages.	
		2	BROACH —9m 6f At 4 m 6 f. Anklesh- b, p o, r, s, t. s var (r. s). supplies water and forage	
		21 m	At 8 m Nerbadda river, never fordable. Here a regular ferry service plies. The contractor has a launch, licensed for 130, in constant use, and also 10 boats, capacity 100 passenger each, and a float for 12 horses, he also has a large launch which plies to the river mouth and back. Crossing slow (15 to 20 minutes) owing to sand banks, and launch often sticks and may have to wait for high water to float The railway bridge, 2 m N. of ferry is passable by Infantry in file. <i>Camping Ground</i> .—None fixed; the best site is in the neighbourhood of civil cantonment, one near station confined and dirty. <i>Water</i> .—From wells and Nerbadda river <i>Supplies</i> .—Abundant. The distance given is to the N side of the Nerbadda ferry and not to the C. G.	

AUTHORITIES.		No. of stages and total distance	ROUTE No. X.	
Genl.	Military			
COLLECTOR AT MEOACH	GENERAL OFFICER COMMANDING 5TH (MHOW) DIVISION.	3	TANKARIA —14m 4f. Pass 6 villages, at 10 m. 3 f. Sitpon on left. Large village with camping ground on S. side. A large village.	
		3½ m. 4 f.	<i>Camping ground</i> .—Close to and E. of tank (dry in June 1909) <i>Water</i> —From wells <i>Supplies</i> —Scanty	
		4	MIAGAM —12m. 4 f. 2 m N.E. An ordinary country cart-track through black soil, deep ruts in places. Nearly impassable in rains. Pass 3 villages. At 5 m Ikhar, large village with supplies, etc.	
RESIDENT AT BAREILLY.		48 m.	A large village <i>Camping ground</i> —300 yds to W. <i>Water</i> —From wells, tanks dry in June 1909. <i>Supplies</i> —Abundant.	
		5	ITOLA —10m Road as above, between p o, l - s, r s Kaicra (6½ m) and Barar (7 m) it runs through a narrow ravine. Cross Railway at 3 m and 3½ m and again at 7 m, and at 8 m 2 f.	
		58 m.	Extensive village on N bank of Dhadhar, which is narrow with steep banks on both sides. <i>Camping ground</i> —100 yds S.W. <i>Water</i> —From wells and river, but latter dry in June 1909, except for a few holes, for washing clothes. <i>Supplies</i> —Abundant.	

AUTHORITIES		No of stage and total distance	ROUTE No. X.
Civil.	Military		
RESIDENT AT BARODA.	GENERAL OFFICER COMMANDING, 5TH (MHOW) DIVISION.	6	<p>BARODA —15m 4f. Road 2nd class to. Mak- b, p-o, l-s, r-s anpura; thence 1st class to Baroda.</p> <p>Cross railway, pass two villages; at 8 m. 4 f. Jambhva with C. G. on N. side; cross tributary of Vishwamintra by stone bridge; at 8 m 4 f Makanpura, at 13 m. 1 f. cross Vishwamintra river (bridge). Country as far as Makanpura wooded and watered and in high state of cultivation en- closed with hedgerows on both sides of road for considerable distance. At Makanpura suburbs of Baroda begin Wheeled traffic between Itola and Baroda stops during rains</p> <p>A Cantonment of Indian troops, near town of Baroda Capital of H. H the Gaekwar. An important railway Camping ground.—Parade ground. Water—2 wells drinking water, 1 well for washing, liable to run short in hot weather. Supplies.—Abundant. Transport on notice being given to the Durbur through the Resident. Routes IV, 28, and 29 start here.</p>
		7	<p>WASAD —13m 6f. Road sandy and heavy. b, p-o, l-s, r-s. Pass 4 villages. At 12 m Phajal Pura, whence road descends gradually by deep ravine to Mahi river 400 yds wide, bed sandy; in May about 18 inches of water, 70 yds broad; in rains unfordable, when two ferry boats ply. Ford near railway bridge, which is passable by infantry only</p>

DISTANCES.		No. of stage and total distance.	ROUTE No. X.
Nil	Military		
COLLECTOR AT KAIRA. GENERAL OFFICER COMMANDING, 5TH (SHOW) DIVISION.			<p>A small town on W. bank of Mahi river. <i>Camping ground</i>.—N.-E. of bungalow, 11 acres. <i>Water</i>.—Abundant from wells; large well and tough near b, Mahi river 1 m. away. <i>Supplies</i>.—Limited, some shops</p>
		8	<p>ANAND—9m 6f. Tolerable cart road, b., p.-o., t.-s., r.-s. cross railway, pass large village of Asras at 2 m. 7 f. and Warod at 5 m 2 f. Country open and cultivated. Tanks and wells, numerous. A large village. <i>Camping ground</i>.—To S.-E., not demarcated, requires clearing of babul trees. <i>Water</i>.—Large tank. <i>Supplies</i>.—Abundant.</p>
		87 m	
		9	<p>NADIAD.—13m 1f. Road very heavy and b., p.-o., t.-s., r.-s. sandy in parts and and cut up by ruts. A large town <i>Camping ground</i>—W. of town, 4 acres. <i>Water</i>—Abundant from tank and wells. <i>Supplies</i>—Abundant.</p>
		110 m. 1 f.	
		10	<p>MATAR.—12m. A large village. <i>Camping ground</i>—11 acres, demarcated. <i>Water</i>.—Plentiful, from many wells, in camp. <i>Supplies</i>.—Plentiful.</p>
		122 m. 1 f.	

AUTHORITIES		No of stages and total distance	ROUTE No. X..
Civil.	Military.		
RESIDENT AT RAHODA. GENERAL OFFICER COMMANDING, 5TH (MHOW) DIVISION.			<p><i>Camping ground.</i>—250 yds. to N.W. of village. <i>Water.</i>—Abundant from 2 wells and 2 tanks. <i>Grass.</i>—Scarce. <i>Supplies.</i>—Limited.</p>
		17	<p>MEHSANA.—12m. 6f. A fair cart-road in places. At 3 m. 1 b, p o, r.s. Akhaj; at 5 m. 1f. Sanganpur; at 7 m. 4 f. Kherwa; at 8 m. 4 f., Karwān, at 9 m. 4 f. Rampura; at 10 m. 4 f. Kukas</p> <p>A large town and railway junction. <i>Camping ground.</i>—16 bighas, demarcated, 700 yds W. of railway station. <i>Water.</i>—Abundant, from 11 large tanks and numerous wells. <i>Supplies.</i>—Abundant, except grass, which is scarce.</p>
		193m. 1f.	
		18	
		207m. 1f.	
			<p>UNJHA.—14m.—Road as above. p o, r s. At 2 off Tareti, at 5f Moti Dau, at 9 m. Jetal Wasna, at 11 m. Author. Cross the Rupen river beyond Tareti, narrow and shallow.</p> <p>A large village. <i>Camping ground.</i>—16 bighas, demarcated, 1/2 m. N. of village near a tank. <i>Water.</i>—Abundant, from wells and tanks. <i>Supplies.</i>—Abundant.</p>
		19	<p>SIDHPUR.—7m. 4f. Road as above, very heavy near Sidhpur. b, p o, r.s. At 3 1/2 m. Kambla, at 5f Biha.</p>
		214m. 5f.	

AUTHORITIES		No of stage and total distance	ROUTE No. X.
Civil	Military		
POLITICAL AGENT AT PALANPUR	CENTRAL OFFICER COMMANDING, SASIRAMAD BRIGADE.	22	<p>DEESA.—11 m 4 f. At 2½ m thick jungle begins; at 4½ m. Sandhi Motiway jungle ends; at 8½ m Bhayan, at 9 m. cross railway by level crossing, at 10½ m. cross a nala, 270 yards wide, banks low, bed sandy and heavy for carts.</p> <p>A small cantonment, formerly headquarters of a district</p> <p><i>Camping Ground.</i>—Near ½ m. N.-E. of bazar.</p> <p><i>Water.</i>—Abundant, from wells and Banas River</p> <p><i>Supplies.</i>—Abundant.</p>
		243 m. 3 f.	
		23	
		53 m. 4 f.	
		24	<p>JAWAL.—10 m 1 f. Road leaves cantonment by R. A. barracks and runs N.-W. at first along telegraph line, and 1 m 2 f. cross Banas river about 600 yds. broad, bed very heavy and sandy, at 6½ m Baavida; at 8½ m Therrada</p> <p>Road mere sandy track. Country sandy with low scrub, cultivation near villages.</p> <p><i>Camping Ground.</i>—600 × 600 yds.</p> <p><i>Water.</i>—Well and stone trough.</p> <p><i>Supplies.</i>—Camel grazing only. Notice required for anything else.</p>
		259 m. 6 f.	
			<p>KUCHAVADA.—6 m 2 f. Road a cart-track, heavy and sandy in places. Country covered with low scrub. Road commanded by low hills ½ m. distant on N.-W. between Phagudra and Kuchavada.</p>

AUTHORITIES		No. of stage and total distance.	ROUTE No. X.
Civil	Military		
POLITICAL AGENT AT PAUNPUR, GENERAL OFFICER COMMANDING NASIRABAD BRIGADE.			<p>At 2 m. Rabas; at 3½ m. Phagwara; at 4½ m. Lakhrao <i>Camping Ground</i>—100×500 yds., good 300 yds N <i>Water</i>—Two wells <i>Supplies</i>—At 7 days' notice; no wood nor grazing.</p>
		25	<p>NANDAR—10 m 5 f. Road a heavy sandy b. p o. country thick forest with frequent <i>nalas</i> At 3½ m. Pathavada; at 5½ m. Arki. At 8½ m. Gondri. A village of 701 houses with Kacheri <i>Camping Ground</i>—Close to E of village <i>Water</i>—One well <i>Supplies</i>—For a regiment of cavalry.</p>
		270 m. 3 f.	
RESIDENT, WESTERN RAJPUTANA STATE, JODHPUR, GENERAL OFFICER COMMANDING, NASIRABAD BRIGADE.		26	<p>REODHAR—10 m 1 f. Road as above; b (bad repair) country scrub jungle and frequent <i>nalas</i>. At 1½ m. Uwara <i>nala</i>, easy crossing, at 2½ m. a Bhil chauki, at 4½ m. Magriwala, at 6½ m. ... to Kolar.</p>
		280 m. 4 f.	
		27	<p><i>Supplies</i>—For a regiment of cavalry.</p>
			<p>SANVARA—15 m 6 f. Made road in fair re- (b) (in moderate repair) pair, but <i>nala</i> crossings bad. Country scrub jungle with patches of cultivation.</p>
		298 m. 2 f.	

AUTHORITIES		No of stage and total distance	ROUTE No. X.
Civil.	Military.		
RESIDENT, WESTERN RAJPUTANA STATES, JODHPUR. GENERAL OFFICER COMMANDING, NASIRABAD BRIGADE.			At 3 m. Selwa; at 3½ m. Loral, at 6 m. Dhamoni; at 8½ m. Anadra (on route 49); at 12½ m. Palri; at 14 m. Sirori. <i>Camping Ground.</i> —400 yds. N.-E. of village
		28	SIROHI —15 m. 4 f. Made road in fair order. <i>d., p.o.</i> Country as above; two hills on E. command route at m. 6. At 4½ m. Mera; at 10 m. Sindrat. Cross 13 small nalas, no impediment. A large town, population 6,000, under rocky hills. The residence of a Raja. <i>Camping Ground.</i> —½ m. S.-W. of town, 200 × 200 yds. <i>Water.</i> —Six wells near C. G., one large one near jail <i>Supplies.</i> —For a brigade; transport obtainable.
		311 m. 6 f.	
		29	PALRI —10 m 1 f. Road as above. Bridges out of repair. At 5½ m. chauki and well; at 7 m. Vilpur (Vera). Country thick jungle both sides. Cross 36 small nalas offer- ing no impediment. A village of 450 houses. <i>Camping Ground.</i> —200 × 200 yds. just N. of village. <i>Water.</i> —3 wells 60' deep, good water; 1 small tank. <i>Supplies.</i> —Scarce; obtainable at 7 days' notice.
		321 m. 7 f.	

AUTHORITIES		No of stages and total distance	ROUTE No. X.
Civil	Military		
RESIDENT, WESTERN RAJPUTANA STATES, JODHPUR.			
GENERAL OFFICER COMMANDING, KASIRABAD BRIGADE.			
		30	ERINPURA.—12 m. 1. / Road as above to
			6, p.o. Rampura; thence to
		334 m.	Erinpura good Coun- try jungle covered till near Erinpura, where it gives way to open plain.
			A
			2 bridges, grass farm guard and well on left.
			A cantonment
			Camping Ground.—½ m. S.-E. of town on Joa nala.
			Water.—
			Supplies.—
			} Abundant.
			A small amount of transport available.
		31	BANDERAQ. 13 m. 4 f.—Made road in bad re- pair, nearly all bridges
		347 m	require repairs. Coun- try generally open,
		4 f.	with little cultivation except near villages. At 1½ m. Ondri; at 6m. Netra; at 10½ m. Sindru, about ½ m. right. Cross altogether about 20 small <i>nalas</i> offering no imped- iment.

AUTHORITIES		No of stage and total distance.	ROUTE No. X.
Civil.	Military.		
RESIDENT, WESTERN RAJPUTANA STATION, JODHPUR.	GENERAL OFFICER COMMANDING, MASHHAD BRIGADE.	32	DOLA. —10 m. Made road in moderate repair, bridges broken.
		257 m. 4 /	Country open and cultivated. At 3 m Akdara on right; cross Khari river. River 200 yds broad, banks low, bed heavy; at 5 m Varami and nala; at 8½ m. Kenpura. A small village ½ m. S.-W.
		23	GUNDOSH —13 m. Made road in moderate repair, bad in places; good tracks on side of road. Country very open, and mostly cultivated. At 2 m Barai, on right; at 5 m. Kirkua, ½ m on right; at 10 m. Dengra, on right. Cross altogether 5 naks and Sukri river 100 yds. broad, sandy and shallow.
		370 m 4 /	<i>Camping ground</i> —(i) 21,600 sq yds., (ii) 500 yds S.W near tank; (i) Near inspection bungalow on side of road, and nearer wells than (ii) <i>Water.</i> —Two good wells and a tank. <i>Supplies.</i> —Available, but moderate.
		34	PALI —11 m 4 f. Made road, very broken and bad in places.
		382 m.	At 2 m. chauki and well; at 8 m. Marli; at 8½ m. Khari river, wells on right and left. Just before reaching Pali cross the Bandi river, broad, sandy and shallow. Country very open, and mostly under cultivation.

AUTHORITIES		No of stage and total distance	ROUTE No. X.
Civil.	Military.		
RESIDENT, WESTERN RAJPUTANA STATES, JODHPUR. GENERAL OFFICER COMMANDING, ASIRAHAD BRIGADE			A large commercial town, population 17,000; copper and brass industries <i>Camping Ground</i> .—15,000 sq yds $\frac{1}{2}$ m. S of town. <i>Water</i> —Abundant, 2 tanks, river, 8 wells 200' deep. <i>Supplies</i> —Abundant. Transport available.
		35	JADAN —11 m. 4 f. Road as above Country an open plain with occasional patches of cultivation.
		293 m 4 f	At $2\frac{1}{2}$ m Nanagaon on right, cross Jodhpur-Bikaner Railway; at $7\frac{1}{2}$ m. conical hill on right, at 9 m Mut <i>Camping Ground</i> .—90 yds N.-W. of village, rather stony. <i>Water</i> —Tank and 4 wells. <i>Supplies</i> .—Scarce, grass nil.
		36	SOJAT (PALIGHAT) —12 m Road as above. Country as above At $3\frac{1}{2}$ m well on right; at 4 m. well on left; at $5\frac{1}{2}$ m Bagawas; at 10 m. well on right
		405 m 4 f.	A walled town (walls mostly broken) with a population of 1,800. A ruined fort on hill E. of town <i>Camping Ground</i> .—300 sq. yds., about 300 yds ■, but supply of water occasionally fails, and a site farther from city would be necessary. <i>Water</i> —One tank inside city walls; 3 small wells 25 ft. deep. <i>Supplies</i> —Abundant. Transport available.

AUTHORITIES

Civil

Military.

No
of
stages
and
total
distance

ROUTE No. X.

RESIDENT, WESTERN RAJPUTANA STATES, JODHPUR.

GENERAL OFFICER COMMANDING, NASHIKABAD BRIGADE.

37

418 m.

CHANDAVAL—12 m. 4 / A made road which has fallen into disuse and is in places a mere sand track; bridges generally broken. Country as above.

At 1 m. a *nala*, at 2½ m. Sukli river 130 yds. wide, shallow and sandy bed; at 4 m. Sirdarpura on left, at 6 m. Khora on right, at 8½ m. Sondia on left; at 10½ m. Goria river, banks low, bed heavy sand

A village

Camping Ground.—200 × 200 yds good, ½ m. E. of village, on an open plain near tank.

Water.—Ten wells and tank.

Supplies.—Abundant

38

427 m.

JHUNTA—0 m. Road in moderate repair; in places very bad.

Country generally open

and cultivated, thin jungle in parts.

At 4½ m. Bhanua about ½ m. left of road; at 6½ m. Pipha on right

A village

Camping Ground.—½ m. N.-W. from village, and ½ m. from water

Water.—Thirty wells

Supplies.—

39

435 m.

BAR.—8 m. Road in bad repair, in places overgrown by scrub, in others a mere sand track; bridges broken. Country open, hills on right.

At 1½ m. Luni river 330 yds. wide, banks low and bed sandy; at 2 m. Raipur a mile to right.

AUTHORITIES		No. of Mare and total distance	ROUTE No. X.
Civil	Military		
RESIDENT W. RAJPUTANA SEAL, N. JODHPUR	GENERAL OFFICER COMMANDING, KANURAHAD BRIGADE		<p>A village of 300 houses <i>Camping Ground</i> — $\frac{1}{2}$ m S of village; N face 300 yds S of 118 yds E and W 500 yds. <i>Water</i> — 1 large well tank, 15 wells <i>Supplies</i> — for 100 men, for larger number on notice</p>
		40	<p>SENDRA — 11 m W. Roads as above; at <i>b, p o, r s</i> 2 m. 5 f a chauki; at 3 m $4\frac{1}{2}$ f, a chauki and some huts, 3 m $6\frac{1}{2}$ f 8 huts and a well; at 4 m 4 f a tank on the left (dry); at 5 m $5\frac{1}{2}$ f a chauki; at 6 m 4 f. Dholia to the right 30 houses 10 wells, hills rocky and jungle grown, on both sides of the road. 52 houses, 3 shops. The land is sown in kharif harvest, grass very scarce in dry seasons. <i>Camping Ground</i> — 32,510 sq yds., 418 yds to N of village <i>Water</i> — Twenty wells, 30 ft deep and a river. <i>Supplies</i> —</p>
		41	<p>BEAWAR — 9 m Road made and in good re- <i>b, p o, r s, t s</i> pur; at 2 m 6 f. Sabulpura, 20 houses, 8 wells, at 4 m 4 f Saradna, a very scattered village of 31 houses and 2 wells. The Bar pass ends here, at 6 m 4 f. Thuk- rana, 25 houses and 5 wells; hills for most part on both sides. On nearing Beawar, open and cultivated A large walled town of about 5,000 houses with large stone bastions</p>
ASST COMM. MERWAR, AT BEAWAR		441 m 4 f.	

ROUTE No. X.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Military.		
ASST. COMMR. AT AJMER	GENERAL OFFICER COMMANDING, NABHAWAT BRIGADE.		<p><i>Camping ground</i>—640 yds. N.-E. of town on the bank of the river.</p> <p><i>Water</i>.—From wells and river, abundant.</p> <p><i>Supplies</i>.—Abundant; grass scarce in dry season</p>
		42	<p>KHARWA—11m 4f. Road as above; at b, p o, r s 7 f. Narsingpura, 50 houses, 10 wells; at 1m 5 f. well and bridge over <i>nala</i>; at 2 m. Danialpura, 12 houses, 3 wells and a tank; at 4 m. $\frac{1}{2}$ f. chauki on left; at 4m. 3 f. a tank; at 6 m. $3\frac{1}{2}$ f. Pipli, 15 houses; at 7 m 5 f. a chauki; at 9 m Dāk bungalow and police chauki. Country mostly covered with low bushes and occasional vegetation. Walled town 500 houses, police chauki and inspection b, 15 shops.</p> <p><i>Camping Ground</i>—N.-E. of town, about 800 yds distant, with small tank on left.</p> <p><i>Water</i>—Three wells of good drinking water, 1 large and 2 small tanks</p> <p><i>Supplies</i>.—Moderate, but plentiful from Deawar.</p>
ASST. COMMR. AT AJMER	GENERAL OFFICER COMMANDING, NABHAWAT BRIGADE.	43	<p>MANGLIAWAS.—7 m. 4 f. Road as above at 4 m pass Latalana (this really consists of 2 villages), 60 houses; and 12 good wells; at 3 m. 2 f. a small tank at 7 m district road to Pisangan left; at 7 m 4 f. made road to Ajmer branches off to the left. Hills close to road on right for first 3 m., afterwards patches of cultivation and low bushes.</p>
		459 m. 4 f.	

AUTHORITIES		No. of stages and total distance.	ROUTE No. X.
Civil.	Military.		
ASST COMMR. AT AJMER.	GENERAL OFFICER COMMANDING, NASIRABAD BRIGADE		<p>124 houses, serai, police station, and inspection bungalow.</p> <p><i>A small amount of transport available.</i></p> <p><i>Camping Ground</i>—150 yds to N.E. of villages</p> <p><i>Water</i>—Two wells, 6 ft deep</p> <p><i>Supplies</i>—From neighbouring villages; grass very scarce in dry weather.</p>
		44	<p>NASIRABAD—15 m Road as above, at 4 m. b, f r, r s, p o 3 f pass Bimpura about 1 m. on right; at 7 m 2 f. Bhithur, 100 houses, 2 good wells, 1 shop; at 10 m 3 f pass Bhawan-Khera, 120 houses, 2 good wells, 4 shops, at 12 m. 2 f cross a nala over a bridge</p> <p>Country open, wells fairly close to road on the right for the first 9 miles</p> <p>A large cantonment, headquarters of Brigade</p> <p>Here route crosses Routes Nos III, XI, XIII and 55, and meets route 69.</p> <p><i>Camping Ground</i>—</p> <p><i>Water</i>—Abundant.</p> <p><i>Supplies</i>—Abundant</p>
		484 m 4 /	
		45	<p>SRINAGAR—10 m. Made road Soil mixed b, p a. At 2 m pass Dilwara; at 6 m. 7 f. crosses a nala 133 yds. wide, bank low, bed sandy; at 8 m 2 f Khera. The made road to Ajmer branches off to left near dāk bungalow</p> <p>Country open and cultivated.</p> <p>A large village surrounded by a wall. Transport obtainable.</p>
		494 m. 4 /	

ROUTE No. X.

AUTHORITIES		No. of stage and total distance.	
Civil	Military.		
RESIDENT AT JEYPUR.	GENERAL OFFICER COMMANDING, KANARAD BRIGADE.		<p><i>Camping ground.</i>—333×333 yds, about 320 yds. E.</p> <p><i>Water.</i>—From 8 wells 50 ft. deep.</p> <p><i>Supplies.</i>—Abundant.</p>
		46	<p>KISHENGARH—12 m 5 f Road a bad p o . l e , r . s . cross country track, alternating rocks and deep sand Almost impassable for wheeled transport, at 6 f. pass Nayagnon; at 1 m. 4 f. Gujerkhara; at 6 m. Bara-Udepur, and a gharri about 4 f. to left; at 7 m. cart-track to Kishengarh branches off to left; at 7 m. 3 f. Sirola to left. Country as above.</p> <p>A large walled town, and residence of a Raja</p> <p>Transport available</p> <p><i>Camping Ground.</i>—49,500 sq yds. about 1,750 yds N.-W.</p> <p><i>Water</i>—Abundant; 7 wells 30 to 40 ft. deep</p> <p><i>Supplies</i>—Abundant.</p> <p>In order to avoid this bad march it is advisable always to use routes 53 and 63 Nasirabad, and Amer to Kishengarh.</p>
		507m 1 /	
RESIDENT AT JEYPUR.	GENERAL OFFICER COMMANDING, KANARAD BRIGADE.	47	<p>DANDAR-SINADRI—7 m. 6 f. Good metal- led road. At 4 m. 6 f. Patan.</p> <p>Country open and cultivated. A small village 11 f. to right of road. Small amount of transport available.</p> <p><i>Camping Ground.</i>—353×333 yds. 540 yds. to N.-E.</p> <p><i>Water.</i>—Good from one well close to village.</p> <p><i>Supplies.</i>—Plentiful.</p>
		514m. 77.	

AUTHORITIES.		No of stage and total distances.	ROUTE No. X.	
Civil.	Military.			
RESIDENT AT JAYPUR.	GENERAL OFFICER COMMANDING, NASEERABAD BRIGADE	48	DUDU—12 m. 5 f.	Road as above. Country as above. At 11 m. Danti; at 8½ m.
		527 m 4 f.		<p>Can about ¼ m. to left.</p> <p>A small village with several shops</p> <p>Camping Ground—43,000 sq yds ¼ m. S.-E. previous notice required to make it suitable</p> <p>Water—Good from one well 40' deep, worked by charabais; no horse trough.</p> <p>Supplies—Available.</p>
		49	MOKAMPURA.—10 m 7 f.	Road as above. Country jungle (thin) for 6 m. then open.
		438 m 3 f.		<p>At 4½ m. Gidani;</p> <p>at 8 m. Choti Palo</p> <p>A small village 6 f. left of road.</p> <p>Camping Ground.—89,000 sq yds about ½ m. S.-E.</p> <p>Water.—One well 45' deep, rather brackish, no horse trough.</p> <p>Supplies—From Bechum, 2 m. N</p>
		50	DAHML—13 m. 3 f.	Road as above. At 3 m 2 f. Nasnotha,
		551 m. 6 f.		<p>2 f. to right; at 3 m.</p> <p>5 f. Bandi river 233 yds. wide, fordable except in rains at 6 m. 1 f. Mahal and dak bungalow; at 7 m. 7 f. Karia-ku-Basa; at 10 m. 3 f. Bagru, a large village with fort, about a mile to right. Country open and cultivated. A small village.</p> <p>Camping Ground—300 × 300 yds. about 310 yds. N.-E., sanitary but previous notice should be given to make it suitable for a camp. At</p>

AUTHORITIES

Civil

Military

No.
of
stage
and
total
distance

ROUTE No. X.

RESIDENT AT JEYPUR.

GENERAL OFFICER COMMANDING, NASIRABAD BRIGADE.

51

586 m
2 f.

Bagru 2 m. distant is also a good camping ground.

Water—Fair from Bagru river and tank.

Supplies—From Bagru 2 m. distant.

JEYPUR—14 m 4 f. At 1 m. pass Dabli; b, p o, l r, r a. at 2 m. 7 f. Thikarya.

at 8 m. 1 f. Bhankrota to left and Dhanwas to right; at 9 m. Bouri, at 10 m. 7 f. Hirapura; at 12 m. 5 f. cross Amam Shah nala fordable; at 13 m. 5 f. a dak bungalow and road to Residency branches off to right

Country as above

A large walled city, residence of the Raja of Jeypur.

The hill fort of Nahargarh to N. of city.

A large bazar. Transport available.

Camping Ground—600 x 200 yds. 1/2 m. S of r. s.

Water—Abundant, one well near camping ground 40' deep

Supplies—Abundant of all kinds.

52

576 m.
5 f.

KANOTA—10 m 3 f. Road as above. At p o. 1 m. 1/2 f. Dalhi gate;

at 2 m. 1 f. main road to Tonk branches off to the right; at 1 m. Summundur, Kurun gate at the top then a short descent of 200 yds. at 4 m. 4 f. pass through another gate (Mutchi); at 4 m. 7 f. Kajno; at 5 m. 6 f. a chauki; at 6 m. 6 f. few huts and a well; at 7 m. 1 f. Patri; at 7 m. 7 f. a chauki; at 9 m. 6 f. cross the

ATTACHMENTS.

Dist.

Military.

No.
of
stages
and
total
distance.

ROUTE No. X.

RESIDENT AT JERIPUR

GENERAL OFFICER COMMANDING, NASIRABAD BRIGADE

		<p>Dhund river 500 yds wide, banks low, bed sandy fordable except in rains. Country open and cultivated. A moderate sized village, p-o 2 m. from C. G.</p> <p>Many shops; small amount of transport available.</p> <p>Camping Ground—200×200 yds 200 yds. to N-E. of village.</p> <p>Water.—From a few wells.</p> <p>Supplies.—Available.</p>
53		<p>MOHUNPUR—7 m. 7 / Road as above. b., p-o, f. s., r. s (Jhur At 1 m 2 f. pass a 2 m.) chauki and shops; at 2 m Dharampura; at 3 m 2 f. Khokala; at 6 m. Godah</p> <p>Country as above.</p> <p>A small village, many shops</p> <p>Camping Ground—93,400 sq. yds. about 130 yds N.</p> <p>Water—One well 40' deep worked by chursah</p> <p>Supplies—From Bas 2 m. S-W</p>
54		<p>GOTRA—7 m 4 / Road as above At 4 / p-o f-s (JATWARA Pass Dudali; at 1 m. 1/2 m) a chauki; at 2 m 6 f. Jhurki Bauri a large well with steps; the village of Jhur is 2 1/2 to the right; at 4 m. 6 f huts and wells; at 5 m, 3 f. a chauki and</p>
584 m. 4 /	592 m	

ROUTE No. X.

AUTHORITIES.		No of stage and total distance.	
Civil.	Military.		
RESIDENT AT JEYPUR.	GENERAL OFFICER COMMANDING, NASIRABAD BRIGADE.	55	DAUSA. —7 m. Road as above; at 5 f. pass b, p, o, l, s, r, s. a chauki and wells; at 1 m 0 f. another chauki; at 3 m. 4 f. an old dāk bungalow; at 4 m. Badhana; at 5 m. = chauki and tank; at 5 m. 6 f. (Chota) Jirota.
		599 m.	Country open. A large town with a large and strongly built fort. Small amount of transport available. Camping Ground—On N. side of main road from Jeypur just before the railway crossing near the station. Ample accommodation for 1 Battery and 2 Cavalry regiments alongside the road; ground is not cultivated; hard grass land. Water—Two wells; one capacity 350 gals with trough in corner of C. G the second 100 yds. E. Supplies—Not available without notice to the Durbar. Time required 2 months for any quantity.
		56	KALIPAHARI —7 m. 1 f. Raf Latcha road first 3 m along bottoms of nalas. At 4 f. mule road branches off to Agra; at 1 m. 1 f. cross the Railway; at 2 m. 5 f. Maivara (chota); at 4 m. 5 f. Maivara (bara); at 5 m. 2 f. cross the Banganga river 350 yds. wide, bed sandy, banks easy. Fordable except in rains; at 7 m. Bhanangpura.
		605 m. 1 f.	Cross several nalas in this stage, fordable, and easy for carts. Country undulating and partly cultivated.

AUTHORITIES

Grf. Mili-
tary.

No
of
stage
and
total
distance.

ROUTE No. X.

RESIDENT AT JETPUR.

GENERAL OFFICER COMMANDING, NASIRABAD BRIGADE.

57

614 m.
3 f.

A small village.

Camping Ground—S. of the road 200 yds E. of hll, capable of taking 1 Battery and 1 Cavalry regiment, hard grass land; more space obtained by clearing away bush.

Water—Obtainable from 4 wells near camp, two N of C G, brackish, the ones E-S. sweet.

Supplies—On 2 months' notice.

GUDHA.—8 m. 2 f. Bad fair-weather road.

At 1 m. 5 f. Shendoli,
4 f. to the left; at 3 m.

7 f. Kundal; at 4 m. 4 f. Bhaota; at 6 m. 1 f. cross the *Tantarka nala*, difficult for carts, fordable, except in rains; at 6 m. 7 f. Pura.

Country as above.

A moderate-sized village.

Camping Ground.—600×350 yds. N.W. of village, hard ground, other ground by clearing.

Water.—Abundant from 3 wells near C. G.

Supplies.—On 2 months' notice.

58

624 m.
1 f.

BUSWA.—9 m. 6 f. Good unmetalled fair-
p. o., l. s., r. s. weather road; at

1 m. 6 f. pass Gatpura;

at 4 m. 1 f. Dhapawan; at 5 m. 4 f. cart-
road to Bandikui station; at 6 m. 1 f.
Phalulaka; at 9 m. cross the railway line
(Rajputana-Malwa railway); cross several
nalas in this stage.

Country open and cultivated. A large village
with fort.

AUTHORITIES		No. of stage and total distance.	ROUTE No. X.
Civil.	Military.		
RESIDENT AT JETPUR. GENERAL OFFICER COMMANDING, NASIRAHAD BRIGADE.			<p><i>Camping Ground.</i>—Two; (1) S.-W. of railway crossing, open maidan of large extent, alongside the road from Gudha. (2) N of railway station of temporary nature.</p>
		59	<p><i>Supplies.</i>—On notice of 1 or 2 months according to quantities required.</p>
		630 m. 4 f.	<p>RAJGARH—6 m. 3 f. Good unmetalled road. p.o., r.s., t.s. At 1 m. 2 f. Kaled; at 2 m. 4 f. Dharmela and well with trough; at 3 m. 0 f. cross the railway; at 3 m. 2½ f. pass Surep, 4 f. on right; at 3 m. Got. Country hilly and partly cultivated. A large town, situated on the W. slope of a small range of hills, about 1 m. 3 f. to the N.-W. <i>Camping Ground</i>—150×200 yds. alongside road, ¾ m. S of railway station, more ground available in fields, after rain crops are harvested. <i>Water.</i>—Abundant; one well on C. G. with trough, another in station. <i>Supplies.</i>—On 1 month's notice.</p>
		60	<p>MALA KHERA—12 m. Road as above. At p.o., t.s., r.s. 1½ f. crosses the railway line; at 1 m. 6 f. Karot, 1 f. to left; at 2 m. 2½ f. cart track to Macheri branches off to right; at 2 m. 4 f. Alie; at 3 m. 2 f. Munpur; at 5 m. 2 f.</p>
		642 m. 4 f.	

AUTHORITIES.

Civ. MIL-
itaryNo
of
stages
and
total
distance.

ROUTE No. X.

RESIDENT AT JEYPUR.

POLITICAL AGENT, ALWAR.

GENERAL OFFICER COMMANDING, NASIRABAD BRIGADE.

Digpora : at 6 m. $5\frac{1}{2}$ f. Barri : at 7 m. $6\frac{1}{2}$ f.
Chaju Rampura, at 8 m. $7\frac{1}{2}$ f. cross *nalas*
which are dry except in rains, at 10 m.
Tibara, at 11 m. 3 f. Malkhera on left

Country as above

A large village

Camping Ground — N of village near road, large
open space, also fields, after rain crops are
cut (no compensation necessary).

Water — Plentiful from 3 wells, also well with
trough N of railway station.

Supplies — On 1 month's notice.

61

ALWAR — 11 m. 2 f. Road as above. At 1 m.
6, 10, 18, 24

653 m
6 f.

$1\frac{1}{2}$ f. Kalsanda to
right, at 2 m. $5\frac{1}{2}$ f.
cross the railway line (Rajputana-Malwa
Railway), at 3 m. 1 f. Sonpur, at 3 m. $5\frac{1}{2}$ f.
cross the Ruprel river 400 ft. broad; at
4 m. $1\frac{1}{2}$ f. Mowa (upper) 6 f. to left, and Mowa
(lower) 2 f. to right of road; at 6 m. 11 f.
Dodur, at 7 m. 3 f. Burja river, and at 7 m.
4 f. Burja village, at 8 m. Kesarpura; at
10 m. road from Uman village joins.

Country as above.

A large town with fort and palace and capital
of Alwar territory, situated at the foot of a
rocky range of hills

Camping Ground. — On N. side of road at S.
end of city; large open maidan, hard ground.
There is a small C. G. 150 \times 100 yds. near
Cavalry lines with 3 wells.

Water. — Abundant.

Supplies. — On 1 to 2 months' notice.

AUTHORITIES.

CIVIL.

MILITARY.

No.
of
stage
and
total
distance.

ROUTE No. X.

POLITICAL AGENT, ALWAR.

GENERAL OFFICER COMMANDING, NASIRABAD BRIGADE.

62

RAMGARH.—15 m 4 f. Good metalled road 25 ft. wide. At 1 m. 1 f. cross the Rajputana-Malwa Railway, at 2 m. pass Mungaska; at 8 m. Bahala 6 f. left; at 9 m. 7 f. cross Chukarsedth nala by paved causeway. Country flat and cultivated. A small town, tehsil Headquarters. *Camping ground.*—450 × 100 yds. on N. side of road at western entrance to village, alongside road. *Water.*—From four wells; one on C. G. has trough for animals. *Supplies.*—On 1 month's notice.

669 m.
2 f.

HH

MOGANWA —6 m 6 f. Fair-weather road, soft and heavy; at 2 m. pass Bahali, 3 f. left; at 4 m 2 f Bijwa, 2 f. left. Cross the Lundwa river 3 times on paved causeways. Country as above. A large village. *Camping ground* —200 yds. sq 160 yds N. of road and at western entrance. *Water.*—From four wells, 2 near C. G. and 2 in village with troughs. *Supplies.*—At 1 month's notice.

876 m.

64

FIROZEPUR-JHIRKA.—13 m. Road as above. Country as above. Cross two streams which become flooded in the rains. All streams have pucca masonry causeways suitable for all arms.

659 m.

AUTHORITIES.		No. of stage and total distance.	ROUTE No. X.
Civil.	Military.		
POLITICAL AGENT AT ALWAR.	GENERAL OFFICER COMMANDING, NASIRAHAD BRIGADE.		<p><i>Camping ground.</i>—N. of road at W. end of village, easily accessible, under cultivation in rains and cold weather. Room for cavalry regiment under trees on an uncultivated spot.</p> <p><i>Water.</i>—Two wells, one near C. G. with trough and one without.</p> <p><i>Supplies.</i>—On one month's notice from Delhi.</p> <p>In 7th (Meerut) Division to Dohra Dun in 17 marches, distance 224 m. 5 f. (see Volume VII of 1910) route 35.</p>

ROUTE No. XI.

FROM DAMOH TO MITRAO.

Length 750 m.

63 marches.

PORTION OF JUBBULPUR TO KELAT ROAD.

Authority and date (month and year) Saugor to Goona, Major Cooke, 38th C. I. H. September 1913. Kotah to Nasirabad, Officer Commanding, 42nd Deoli Regiment, September 1911. Jodhpur to Jaisalmer, Captain Radcliffe-Smith, 44th Merwaras, February 1911.

Epitome.—General direction N.-W. Road to Baran is unmetalled and in many places a mere cart-track. Baran to Kotah is metalled.

not in metalled or it is over the sand-hills.

Supplies generally obtainable, but notice should be given in some places, especially from Jodhpur onwards.

Country to Jodhpur is undulating, in some places cultivated, in others hilly and jungly.

Water is generally procurable, but beyond Jodhpur it is scarce, and in some stages would have to be brought from a distance.

AUTHORITIES		No. of stages and total distance.	ROUTE No. XI.
Civil.	Military.		
DEPUTY COMMISSIONER AT DAMOH	D. O. C. JUBBULPUR BRIGADE.		<p>DAMOH.—From Jubbulpur in 8 marches distance 67 m. 1 f. (see Route No VI)</p> <p>A small civil station</p> <p><i>Camping Ground</i>—S. of road and about $\frac{1}{2}$ m. from Barar.</p>

AUTHORITIES

No.

of

stage

and

total

distance

C-2

MIL-
TARY.

ROUTE No. XI.

DEPUTY COMMISSIONER AT DAMOH

GENERAL OFFICER COMMANDING, JUBHULTER BRIGADE

D. C. OF SAHGOR

Water.—Plentiful, good, from 3 wells, one with trough in good order on C. G. and the other in vicinity of camping ground

Supplies.—Ample.

1

BANSA—6 m 6 f. Country level and cultivated; road unmetalled, but bridged, and

6 m

6 f.

suitable for all arms, metalled for first mile, pass Korawa at 4, Schora, and Pudaryah at 6 m

A moderate sized village near the Kopra.

Camping Ground.—160 yds from village, on E. bank of river

Water.—Plentiful, from river, a new well with trough in good order

Supplies.—Procurable.

2

GARHAKOTA—13 m 3 f. Country level and cultivated, road metalled for 1st 5 m remainder unmetalled, but suitable for all arms;

20 m

1 f.

cross the Kopra (100 ft wide) on starting by ford in dry season, by ferry (several boats) in the rains and the Sonar (330 ft. wide) and Gadheri en route, both by causeways in dry weather, by ferry during rains.

A large village on the Gadheri.

Camping Ground.—38,960 square yds. S. of road

Water.—Good from 3 wells, one of which is a pakka well on the bank of the river, and is provided with pulleys and watering trough; the water depends on water from river, also water from nala near C. G.

Supplies.—

AUTHORITIES.		No. of stage and total distance.	ROUTE No. XI.
Civil.	Military.		
DEPUTY COMMISSIONER OF SAUGOR.	GENERAL OFFICER COMMANDING, JUBBULPUR BRIGADE.	3	PARSORIA. —13 m 2 / Country undulating and cultivated, jungly at 8 m ; road metalled and bridged, suitable for all arms. A small village. <i>Camping Ground.</i> —S of village, stony but kept clear of brushwood. <i>Water</i> —Good from pakka well on C. G. with trough and iron pulleys, dries up in summer (another well in garden near camping ground) <i>Supplies.</i> —Procurable.
		34 m 3 /.	SAUGOR —13 m 4 / Country undulating b, p o, t a, r. s. and jungly for 11 m. thence cultivated, road as in last stage ; cross the Beas river at 2 m. by an iron suspension bridge A town, cantonment, and civil station <i>Camping Ground</i> —For about 5 battalions, on brigade parade ground between the police and cavalry lines <i>Water</i> —Abundant, good, from wells. <i>Supplies</i> —Plentiful. A military grass farm here Route 38 crosses here, and 36, 40 and 78 meet here.
		47 m. 7 /.	NARAULI. —13 m. 4 / Country hilly and p. s. cultivated ; road metalled for 3 m. then unmetalled ; suitable for all arms. Cross Amsoni and Kuran river. A village situated between 2 hills <i>Camping Ground.</i> —½ m. S. 200 × 200 sq yds.
		61 m. 3 /.	

AUTHORITIES.

CIVIL.

MILITARY.

No.
of
stage
and
total
distance.

ROUTE No. XI.

DEPUTY COMMISSIONER, SAUGOR.

GENERAL OFFICER COMMANDING, JUDDHUTUN BRIGADE.

6

69 m.
3 f.

Water.—Good from 4 large wells.
Supplies.—Ample; one month's notice for fuel and fodder.

MANDRA.—8 m Country jungly with sparse *b., p o, r s.* (JERU. cultivation, road *WANDPRA*). 8 to 18 ft wide and unmetalled; practicable for cavalry; cross the Dassan river at 3 m. by an easy ford over a causeway, and the Sondri (bridged) at 4 m. A small village

Camping Ground.—200 x 200 yds on both sides of road near *r s*

Water.—Fair from a large nala and wells

Supplies.—On notice. Abundant fuel and fodder.

7

81 m
1 f

KURALI.—11 m 6 f Country hilly and jungly *b., p o, r s.* (KHORI) at first, afterwards open and cultivated; road for 4½ m very rough and stony, but improves afterwards, passable for cavalry, nala bridged, cross the Narain (fordable) at about 8½ m.

A fair sized town

Camping Ground.—Space to encamp a regiment N of town.

Water.—Good from 3 large wells.

Supplies.—Abundant One month's notice required for large loads

8

92 m.

ERAN.—11 m. 4 f. Road metalled for ½ m. then cart track over stiff clay soil. Country cultivated as far as Roosulia; then undulating with thick jungle.

AUTHORITIES.

Civil.

Military.

No.
of
stage
and
total
distance.

ROUTE No. XI.

P. A. JEPUR.

P. A. GWALIOR.

RESIDENT AT GWALIOR.

GENERAL OFFICER COMMANDING, JHANSI BRIGADE.

13

147 m.
1 f.

14

153 m.
3 f.

undulating red soil through scrub jungle to Depur, whence cultivated black cotton soil. At 6 m. Depur; at 8 m. Anuppur Bittan. Berra consists of 60 houses.

Camping ground—For one brigade on undulating ground by village.

Water.—Three wells in village. Small tank in cold weather.

Supplies—Nil. One month's notice required.

RAMPUR.—10 m. 4 f. Road a cart-track. Country cultivated; black cotton soil.

At 1½ m. Malakheri and cross a nala; at 4 m. Scind river, 100 yds. wide, impassable after heavy rains, villages of Bhagwantpur and Simra situated on banks.

Rampur consists of 60 houses.

Camping ground—100 x 100 sq. yds.

Water—1 well on C. G., 3 in village, small tank 200 yds. N.

Supplies—Deer. One month's notice required.

AROUN.—6 m. 2 f. Road a cart track; cross a nala at 3 m; then pass Biwajpur.

Aroun is a good sized village with a small stone fort.

Camping ground.—Spacious site close to road N. of village.

Water.—From wells and pond near camping ground.

Supplies.—Procureable at one month's notice.

LOCALITIES.		No of stages and total distance.	ROUTE No. XI.
CIVIL.	MILITARY.		
RESIDENT AT GWALIOR.	GENERAL OFFICER COMMANDING, JHANSI BRIGADE	15	SATTANPUR. —11 m. 4 f. Country level and chiefly cultivated; road as above; crosses a nala by an easy ford at 5½ m. and pass Khuja at 8 m. A moderate-sized village. <i>Camping Ground.</i> —62,600 sq. yds close to road and village. <i>Water.</i> —Good, but limited, from 3 wells near camping ground. <i>Supplies.</i> —Scarce, one month's notice required.
		164 m. 7 f.	
		16	GOONA —10 m. Country undulating and b, p o., l. s., r. s. mostly jungle, road as above; pass Behta at 4 m. A cantonment and town Small amount of transport available. <i>Camping Ground</i> —Several sites available <i>Water</i> —From wells in adjacent gardens and from hospital well. <i>Supplies.</i> —Plentiful.
		174 m. 7 f.	
		17	DHARNAUDA. —15 m. Country level and p o., l. s. for most part cultivated; road metalled, good; pass Gurha at 7 m. and Muradpur at 12 m. A village with an old fort <i>Camping Ground.</i> —Extensive site about ½ m. from village <i>Water.</i> —Good, for battalion, from wells near camping ground. <i>Supplies.</i> —Procurable.
		189 m. 7 f.	

ROUTE No. XI.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Military.		
F. A. KOTAH AND JHALAWAR, AT KOTAH.	RESIDENT, JEYPUR. GENERAL OFFICER COMMANDING, JHANSI BRIGADE.	18	BHOLAUN. —8 m. 6 f. Country cultivated, with low hills, cross the Parbati river at 2 m. by ford, except after heavy rain. Road metalled and good. A village $\frac{1}{2}$ m. from road. <i>Camping Ground.</i> —220 x 220 yds. just S. of village near Betri stream. <i>Water.</i> —Plentiful, and good, from wells; for animals from the Betri stream. <i>Supplies.</i> —Procurable.
		198 m. 5 f.	
		19	CHHABRA. —9 m. Country and road as p.o., r.s. as in last stage, road runs parallel to railway line as far as Haran; pass Dindarara at 4 m. A wall town with hill fort. <i>Camping Ground.</i> —E. of and near town. <i>Water.</i> —Plentiful, good, from wells, and (for animals) from the Betri close to C. G. <i>Supplies.</i> —Procurable.
		207 m. 5 f.	
F. A. KOTAH AND JHALAWAR, AT KOTAH.	GENERAL OFFICER COMMANDING, JHANSI BRIGADE.	20	KOWAI —10 m. 6 f. Road as before Cross Andleri river by ford (impassable during floods). At $9\frac{1}{2}$ m. and Lashi river by stone bridge at $9\frac{1}{2}$ m. A village. <i>Camping Ground.</i> —N. of and close to village. <i>Water.</i> —(should be looked), from wells close to and W. of C. G.; water for animals from Lashi river which is close to and E. of C. G. <i>Supplies.</i> —Procurable.
		218 m. 3 f.	

ROUTE No. XI.

ATTRIBUTES.		No. of stage and total distance	
Ord.	Military		
POLITICAL AGENT, KOTAH AND JHALAWAR, AT KOTAH. GENERAL OFFICER COMMANDING, JHANSI BRIGADE.		21	ATRU. —9 m. Country level, covered for the most part with thin scrub jungle; in the vicinity of Atru, partly cultivated. Road a cart-track difficult for traffic. After first $\frac{1}{2}$ m. road strikes railway line and runs parallel and close to it as far as $7\frac{1}{2}$ m. then turns in a westerly direction through village of Atru to C. G. as above.
		227 m. 3 f.	A large village. Camping Ground. —N.-W. of and close to village. Water —(Should be boiled), from 2 wells close to and W. of camp; water for animals from 2 wells only, 1 of which is L. and one S. of C. G. Supplies —Plentiful.
		22	CHAJAWA —9 m. Country slightly undulating and fully cultivated, road unmetalled. Pass Bairkha village at 3 m., Merma village at 4 m., and Arand village at 6 m. road throughout about 1 m. W. of railway.
		236 m. 3 f.	A small village. Camping Ground. —W. of and close to village. Water. —From a pakka well between C. G. and village. Fair quality, must be boiled; for animals from 2 wells on confines of C. G. Supplies. —Procureable if notice is given.
		23	BARAN. —10 m. Country undulating and fully cultivated. Road unmetalled about $\frac{1}{2}$ m. W. of railway to 9 m. when it crosses
		246 m. 3 f.	

AUTHORITIES		No of stage and total distance	ROUTE No. XI.
Civil	Military		
POLITICAL AGENT, KOTAH AND JHALAWAR, AT KOTAH.	GENERAL OFFICER COMMANDING, JHANSI BRIGADE.		<p>railway by level crossing. Pass Barana village at 3 m. and Madola village at 7 m. A town.</p> <p><i>Camping Ground</i>—About one m. S.-W. of town and on opposite side of railway.</p> <p><i>Water</i>.—Drinking water (which should be boiled) from 2 wells 1 on S. boundary and 1 on N. boundary of C. G.</p> <p><i>Supplies</i>.—Plentiful.</p> <p>Route 33 offers an alternative road from here to Kotah.</p>
		24	<p>ANTAH—14 m 4 / Country undulating and fully cultivated</p> <p>Pass Chhota Banmala village at 4 m. Bistaula village at 7½ m. Ramoula village 11 m, Bakhara village at 13 m</p> <p>A village with fort</p> <p><i>Camping Ground</i>—E. of village</p> <p><i>Water</i>—For drinking from 3 wells near boundary of C. G. (should be boiled); for animals from 2 wells with trough on boundary of C. G.</p> <p><i>Supplies</i>—Procurable</p>
		260 m 7 /	
		25	<p>SEMLA—12 m 6 / Country undulating for 3½ m then intersected with nala to 3 m. then to C. G. partly cultivated and partly covered with grass and scrub, road metalled. Pass Palata village at 4½ m. Garapan village at 8½ m. Bhotra village at 11 m. Cross Kalsindh river by 2 stone causeway and 1 large causeway bridged</p>
		273 m. 5 /	

AUTHORITIES.		No of stages and total distance.	ROUTE No. XI.
Civ.	Military		
POLITICAL AGENT, KOTAH AND JHALAWAR, AT KOTAH.	GENERAL OFFICER COMMANDING, JHANSI BRIGADE		<p>between $4\frac{1}{2}$ m. and 5$\frac{1}{2}$. During rains river crossed by ferry $2\frac{1}{2}$ m down stream.</p> <p>A village</p> <p>Camping Ground—W. of village.</p> <p>Water.—Drinking, from large pakka well 130 yds S of C G (should be boiled); for animals from large pakka well S-S-E. of and 160 yds from C G</p> <p>Supplies.—Procurable</p>
		26	<p>TATERH—8 m. 2 / Country nearly level and fully cultivated. Road a good metalled</p> <p>one, pass Kararieli village $1\frac{1}{2}$ m, Polai at 4 m, Dairah at $5\frac{1}{2}$ m, Kateri at $6\frac{1}{2}$ m.</p> <p>A village</p> <p>Camping Ground—W. of village and close to it</p> <p>Water—For men and animals from very large pakka well with trough E of, and 150 yds from, C G. (must be boiled)</p> <p>Supplies—Procurable if notice given</p>
		27	<p>KOTAH—9 m 4 / Country level and fully cultivated. Good metalled road through-</p> <p>out. Cross Bhorkandi river by stone bridge about 300 yds long at 3 m.</p> <p>Borkhera village at $6\frac{1}{2}$ m</p> <p>A large walled city on right bank of Chaurah river</p> <p>Camping Ground—Recognised ground E. of civil lines = ample. Good surface and near road. Good site on left bank of river E. side of road, ground good and ample room</p>

AUTHORITIES.		No. of stage and total distance.	ROUTE No. XI.
Civil	Military.		
POLITICAL AGENT, HARAUTI AND TONG, AT DEULL	GENERAL OFFICER COMMANDING, NASHIKHAD BRIGADE.		<p><i>Water</i>.—Plentiful from well, but brackish. For horses from Chambal river near bridge. (Water 1 coop at a time)</p> <p><i>Supplies</i>.—Procurable in large quantities, notice desirable.</p>
		28	<p>THALERA—13 m 4 f. Country at first open and cultivated for last 5½ m. covered with jungle. Road metalled, but in bad condition.</p> <p>At 2 m cross Chambal river, by bridge of boats, or by a ford at Sansol, rough and stony in the dry weather, in rains by ferry (plenty of boats procurable) At 3 m. 4 f pass Nara, at 7 m. Nandna, at 10 m. 4 f Khavoli</p> <p>A small village on left bank of Tai river; a few shops</p> <p><i>Camping ground</i>—S of road, and E. of village very open and flat, good surface, but would require clearing of low scrub. Not necessary to use cultivated ground, but if fallow it would be better to use it, as it is softer.</p> <p><i>Water</i>.—Plentiful, good, wells fill up during night. Also in nala during rains and cold weather.</p> <p><i>Supplies</i>.—All supplies procurable on previous notice.</p>
		304 m. 7 f.	
		22	<p>BUNDI.—10 m. 4 f Country undulating and covered with jungle. Road as above.</p> <p>Cross Tai river on starting by stone causeway unfordable only after heavy rain.</p>
		315 m. 3 f	

AUTHORITIES		No. of stage and total distance.	ROUTE No. XI.
Civil	Military		
POLITICAL AGENT, HAWATH AND TONK, AT DIOL.			<p>At 3 m. cross the Chora Pichar nala near Lalera, at 5 m. 4 f. pass Neagaon.</p> <p>A large walled town, chief of the Bundi State, with strong hill fort, by name Taragath on Bundi Aravally range.</p> <p><i>Camping Ground</i>—Ample room to S.-E. of guest house, good flat surface, but scrub requires clearing. Close to road.</p> <p><i>Water</i>—Plentiful.</p> <p><i>Supplies</i>—Procurable in large quantities; notice desirable</p>
GENERAL OFFICER COMMANDING, MASHHAD BRIGADE.		20	<p>HINDOLI—15 m. Country rocky and broken ground, small hills and jungle. Metalled road, rough near Bundi. At 9 m. 4 f. cross Mej river to Chota Neagaon; 260 yds wide, usually dry and fordable, except after heavy rains, banks easy. At 13 m. cross a nala, fordable.</p> <p>A moderate sized village, with a fort and large tank.</p> <p><i>Camping Ground</i>—Ample ground to W. of road. Scrub would require to be cleared. There is also ground to E. of road but near cultivation. Rates of compensation difficult to ascertain, but usually low.</p> <p><i>Water</i>—From tank and wells.</p> <p><i>Supplies</i>—Obtainable locally.</p> <p><i>Fuel</i>—Previous notice required for firewood.</p>
		330 m. 3 f.	
ARBIT COMMISSIONER, AMER.		31	<p>DEOLI—15 m. Country undulating and partly cultivated.</p> <p>Road as above. At 5 m. 4 f. pass Bijaen nala, easy for carts.</p>
		345 m. 3 f.	

AUTHORITIES

Civil

Military

No.
of
stage
and
total
distance.

ROUTE No. XI.

ASSISTANT COMMISSIONER, AJMER.

GENERAL OFFICER COMMANDING, NAHARAPUR BRIGADE.

32

359 m.
3 f.

A small cantonment
Camping Ground.—Ample, good surface, and
 near road.
Water.—Abundant.
Supplies.—Can be arranged for on previous
 notice being given.

BOGLA.—14 m. Country open with thin
 jungle, in parts; good
 metalled road. At 1
 m 6 f. cross a low ridge; at 5 m. 2 f. pass
 Negro; at 8 m 6 f. cross Banas river 600
 yds. wide, bed sandy, banks low, fordable
 except in rain, when where is a ferry; at 9
 m 3 f. pass Madero; at 11 m. 2 f. Barla
 1 m. to right.

A small village, few shops.
Camping Ground.—S.E. near village.
Water.—From tanks and wells.
Supplies.—

33

371 m
6 f.

AJGIRO—12 m. 3 f. Country and road
 as above. At 1½ m.
 pass Khakra; at 5 m.
 1 f. Khara Nat; at 7 m. 6 f. unmetalled
 cart track to Jhalpur branches off to left;
 at 8 m. Keki, a small walled town with
 Dik bungalow.

A small village.
Camping Ground.—S.W. on right bank of
 nala.
Water.—From a few wells.
Supplies.—From Farwar 5 m. distant

ROUTE No. XI.

AUTHORITIES.		No. of stages and total distance.	
Civil.	Military.		
ASSISTANT COMMISSIONER, AJMER.	GENERAL OFFICER COMMANDING, NASIRABAD BRIGADE.	34	<p>GOELA—11 m. 7 f. Country as above b., p.o. for 3 m then open with no jungle. Road as above. At 5 m. Sarwar, a small town; at 5 m. 7 f. cross Dain river, 176 yds. wide, fordable except for a few hours after heavy rains.</p> <p>A small village.</p> <p>Camping Ground.—N.-W. near village.</p> <p>Water.—A few wells.</p> <p>Supplies.—On notice.</p>
		381 m 5 f.	
		35	
		391 m 7 f.	
		36	
		102 m. 7 f.	<p>NASIRABAD.—11 m. Country open and cultivated. Road as above. At 2 m. 1 f. pass Nawagam At 4 m. 7 f. Loharwara. See Route III, stage 54.</p>
		37	<p>MANGLIAWAS.—15 m. Made road in good repair. A village.</p>
		417 m. 7 f.	Small amount of transport available.

AUTHORITIES.

CIVIL. MILITARY.

No
of
stage
and
total
distance.

ROUTE No. XI.

Grass scarce, especially in dry season, and of bad quality.

Camping Ground.—200×110 yds. 180 yds. N.-E. of village.

Water.—From 2 wells 6 ft. deep.

Supplies.—Abundant.

38

NAGELA.—7 m. 4 f. Country cart-road through hilly country. A small village, a

425 m.
3 f.

few shops.

Water.—Many wells.

39

RAS—13 m. 4 f. Country hilly. Good road. A large village; few shops.

428 m.
7 f.

Water.—Many wells.

40

BUNDA KURI—15 m. 3 f. Country hilly, fair weather road. Pass a few villages.

454 m.
2 f.

A small village.

Water.—Many wells and tank.

Supplies.—On notice.

41

PICHAK—17 m. Country open. Road as above. At 3 m. cross Sukri river pass a few

471 m.
2 f.

A small village.

Water.—Many wells and tank.

Supplies.—On notice.

HIS HIGHNESS, WESTERN RAJPUTANA STATES, JODHPUR. ASST. COMMR., ARMR.
GENERAL OFFICER COMMANDING, DAMEHABAD BRIGADE.

AUTHORITIES		ROUTE No. XI.	
Civil.	Military.	No of stage and total distance.	
RESIDENT, WESTERN RAJPUTANA STATES, JODHPUR. GENERAL OFFICER COMMANDING, NAGIRATAD BRIGADE		42	LANBA. —9 m. 3 f. A good cart-road, pass a few villages, and at 2 m 3 f cross Luni river A small village. Water.—From few wells and Luni river Supplies.—On notice. A small village.
		480 m. 5 f.	
		42	RAMASIN —10 m. 2 f. Country and road as above. Pass a few villages. A small village Water.—One well and 1 tank Supplies.—On notice.
		420 m. 7 f.	
		44	KAKELAS —12 m 1 f. Country and road as above. Pass Ikarda, Basni, and Bhunakin A village. Water.—Few wells Supplies.—Abundant.
		503 m	
		45	JODHPUR —13 m. 2 f. Country open. h, p, o, t s, r o Country cart-road. Soil sandy. A walled town, 11 m in circumference and surrounded by tanks. The citadel and palace are on a rocky height, at the foot of which is a town. The rocks on E. side of the citadel are precipitous, highest point 451 ft above plain British Agency 2 m from Jhallor gate Camping Ground.—For a large force on a fine plain to the E. of town.
		516 m 2 f.	

ROUTE No. XI.

AUTHORITIES		No. of stages and total distance.	
Chil.	Military		
PRESIDENT, WESTERN RUPUTAH STATES, JODHPUR.	GENERAL OFFICER COMMANDING NASIRABAD BRIGADE.		<p><i>Water</i>.—Abundant. <i>Supplies</i>.— Routes XIII, 57 and 58 meet here.</p>
		46	<p>BALARWA.—14 m. Good road for first 4 m from Chandpol gate then cart-track in good condition and in daily use. Country open and cultivated. At 8 m. pass Narwa and at 10 m. Indroga, a fair-sized village on left of road. <i>Camping Ground</i>—S.-W. of village. <i>Water</i>.—Many wells. <i>Supplies</i>.—Abundant.</p>
		530 m. 2 f.	<p>CHONDALIA.—10 m. Road very bad and sandy, level generally, but latterly winding through desert of sand hills; no cultivation; in places coarse scrub. At 5 m. pass Teor 1 m. to right, at 7 m. pass Gheora. A small village. <i>Camping Ground</i>—No regular C. G. but sandy ground S. W. of village available. <i>Water</i>.—Scarce. <i>Supplies</i>.—Obtainable on notice.</p>
		47	
		540 m. 2 f.	
		48	<p>CHANMU.—12 m. 4 f. Country sandy. Road heavy and bad, at 2 m. 4 l. pass Poul lo, a good well. A small village. <i>Camping Ground</i>.—Site for C. G. to E. <i>Water</i>.—57 wells 10 to 15 ft. deep. <i>Supplies</i>.—Plentiful from a few shops. Notice necessary for grain.</p>
		552 m. 6 f.	

ROUTE No. XI.

AUTHORITIES	No. of PAGE and total distance	Civil Military
RESIDENT, WESTERN RAJPUTANA STATES, JODHPUR. GENERAL OFFICER COMMANDING, NABHADAD BRIGADE.		
49 563 m. 2 /	LAORTA. —10 m. 4 f. Country sandhills with thin jungle. Road as above. At 2 m. pass Ramdenva, 1 well 120 ft. deep. A small village. <i>Camping Ground.</i> —To N.-W. near village. <i>Water.</i> —1 good well 90 ft. deep 1 m. to N.-E. <i>Supplies.</i> —Nil.	
50 571 m. 5 /	DECHU. —8 m. 3 f. Country and road as above. At 5 m. Tadia with 1 well 120' deep. A good sized village; sandhills all round. <i>Camping Ground.</i> —E. of village near wells. <i>Water.</i> —From 2 good wells 120 ft. deep. <i>Supplies.</i> —Obtainable in fair quantities.	
51 581 m. 3 /	MARLA. —9 m. 6 f. Road as above, winding for 1st 5 m. through sandhills. At 4 m. Sagra 1 m. to left. Mark consists of two small villages with a few shops. <i>Camping Ground.</i> —N.-E. hard and stony. <i>Water.</i> —4 wells 100 ft. deep. <i>Supplies.</i> —A small quantity. Larger quantities from Pakaran on notice.	
52 593 m. 1 /	LAWA. —11 m. 6 f. Road generally very good; or LOWA. At 5½ m. Dedai ½ m. to left. At 7 m. a tank on left. A moderate sized village with a few shops. <i>Camping Ground.</i> —30 yds. E.	

ROUTE No. XI.

ACTIVITIES		No. of stage and total distance
Civil	Military	

55

640 m.

2 /

CHANDAN.—13 m. 2 / Country sandy, on CHAUDHAN. Road sandy for 4 m., then hard and good.

Pass Sodakawar at 5 m. 1 well of good water, 18 ft. deep, and sandstone fort close to road.

A small village and few shops

Camping Ground.—W. of village.

Water—1 well 18 ft. deep, near C. G. and 1 tank

Supplies—Scarce, notice should be given.

57

654 m.

2 /

BARA BASIMPIR.—14 m. Road sandy for 4 m., then fairly good, cross one *nala*.

Country covered with *Khejra* trees. Ruined village

58

666 m.

8 /

JAISALMER—12 m. 4 /. At $2\frac{1}{2}$ m. ascend *p.o.* low rocky range; then gradually descend.

Low ridge of hills runs parallel to road on right. At $2\frac{1}{2}$ m. pass *Thuyat*, cross 2 *nalas*. Road sandy and bad for first 6 m., then fair to Jaisalmer.

A large town $2\frac{1}{2}$ m. in circumference, with a population of 7,000

In centre of the city is a fort 130 ft. high and about $\frac{3}{4}$ m. in circumference, it has only one entrance, situated on the N. side and defended by 4 gateways; inside it are several wells and a tank called *Garhsar*; there are also numerous wells in the city.

RESIDENT, WESTERN KUTUBANA STATES, JODHPUR
GENERAL OFFICER COMMANDING, NASHIKHABAD BRIGADE

ROUTE No. XI.

AUTHORITIES		No of stages and total distance	
Civil	Military		
RESIDENT, WESTERN RAJPUTANA STATES, JODHPUR	GENERAL OFFICER COMMANDING, NASIRABAD BRIGADE.		<p><i>Camping Ground.</i>—(1) Kishenghat $1\frac{1}{2}$ m. N.-E. of city, with numerous jectras of sweet water, (2) Bars Bagh 5 m. N.-N.-E. with tank, (3) Amur-Sagar 3 m. W. = large tank. <i>Water.</i>—For all 3 C. G. depends on rains; none are perennial <i>Supplies</i>—Abundant. The yellow sandstone of Jaisalmer is useful for lithographic purposes.</p>
		53	CHATRAIL.—14 m. Road sandy and stony. No village; a halting-place only.
		680 m. 6 f.	
		60	KUCHRI —13 m. 4 f. Good road through open country. No village. A halting-place only.
		694 m. 2 f.	<p><i>Camping Ground</i>—Near wells. <i>Water</i>—Good from pakka wells 60 ft. deep, and tank <i>Supplies</i>—As above.</p>
		61	KHIMALA AND KHARA —9 m. Sandy road over fairly level country.
		703 m. 2 f.	<p>A small fort and village. <i>Camping Ground.</i>—Anywhere near village. <i>Water.</i>—Enough for a wing of cavalry. More wells could be sunk. <i>Supplies.</i>—As above. Grass available on surrounding sandhills.</p>

PRIORITIES.		No of stages and total distance.	ROUTE No. XI.
REG.	MILITARY.		
PRESIDENT, WESTERN RAJPUTANA STAFFS, JODHPUR.	GENERAL OFFICER COMMANDING, NABIRADAD BRIGADE	62	<p>GOTARU OR DEOGARH.—26 m. 4 f. At 4 m. 3 f. 3 wells called Band a some distance to right of road, two of which are very salty; at about 5½ m. several small but good wells, and at about 6½ m. some muddy pools called Murdah. None of these ponds or wells are dependable. The 1st 5 m is good going over a plain, the remainder over sandhills 15 ft. to 30 ft. high and very heavy.</p> <p>A small village, with brick fort 200 yds. sq. and round towers, face in good order, gate on S. side.</p> <p><i>Camping Ground</i>—In heavy sandhills.</p> <p><i>Water</i>.—Abundant.</p> <p><i>Supplies</i>.—As above.</p>
		729 m. 6 f.	
O O 4TH (QUETTA) DIVN.		63	<p>MITRAO.—20 m. 2 f. Half way from Gotaru or Mitranu. are 3 small ponds called Sobara, and there are 2 others between these and Mitrao, but they dry up before the hot weather.</p> <p>At 10 m. cross boundary between Jaisalmer and Sind.</p> <p>To Kelat 353 m. 11 f. in 30 marches. See Volume IV (1909), Part III.</p>
		750 m.	

ROUTE No. XII.

FROM SURWAL TO AHMEDABAD.

Length 747 m. 5 f.

70 marches.

Authority and date now read as follows :—

Authority and date (month and year).—Sohagi to Subanganj, Lieutenant Dane, 22nd Punjabis, March 1911; Karchi to Hoshungabad corrected under orders of General Officer Commanding Jubbulpur Brigade, 1912. Hoshungabad to Harda, Captain McKenna, 16th Rajputs, April 1913; Harda to Indore, Captain Chadwick, 104th Rifles,

Epitome.—General direction W. by S. to Bar, thence W. by N. Between Muihar and Harda, and again between Dohad and Ahmedabad the road generally is a good fair-metalled and art track, very bad in places; thence to Ahmedabad a good made road (metalled for the most part), except for the marches Godhra to Pali and Ahmedabad to Watwa, where heavy sand is encountered. The latter march can be avoided by marching from Mahuda to Nadiad and thence via route X. The Nerbadda river at Nimawar (see stage 42) is crossed by ferry.

AUTHORITIES.		No. of stage and total distance.	ROUTE No. XII.
Civil.	Military.		
COL. GUYE BOMBAY AT SUINA.	G. O. C. JUBBULPUR BRIGADE.		SURWAL.—A small village. Camping Ground.— $\frac{1}{2}$ m. S. of village at cross roads.

AUTHORITIES		No. of stages and total distance	ROUTE No. XII.
QVE.	STATIONARY		
POLITICAL AGENT, BAGHELKHAND, AT SUINA. GENERAL OFFICER COMMANDING, JUBBULPUR BRIGADE.			<p><i>Water.</i>—Two wells, tank. <i>Supplies.</i>— From Allahabad in 3 marches (see Volume VIII of 1910).</p>
	1		<p>SOHAGI—8 m. Country fairly cultivated. Road raised, and generally bridged, but unmetalled. Cross the Tonse (bed 500 yds wide, banks steep and difficult for carts) at Chorko village 4 m., by small bridge of boats in dry season, by ferry (3 boats, capacity 50 men each) in rains. A village at the foot of the Sohagi pass and 3 m. from the Rewah border. <i>Camping Ground</i>—E. of road and $\frac{1}{2}$ m. N. of village.</p>
	8 m.		<p><i>Water.</i>—Good, from well and tank near C. G. <i>Supplies.</i>—Limited on notice. Grass and firewood plentiful</p>
	2		<p>TINDUA.—15 m. 5 f. Country jungly at first; then well cultivated and flat. Road as above. At 7 m. Katra and 13 m. Garh. A small village. <i>Camping Ground</i>.—600 yds N. in mango grove. <i>Water.</i>—From a well 200 yds S.-W of tank, 150 yds. S. of C. G</p>
	23 m. 5 f.		
	3		<p>MANGAWAN.—11 m. 3 f. Road as above. Country flat and cultivated. At 2 m. Tikari; at $4\frac{1}{2}$ m. Diha; at $5\frac{1}{2}$ Parwar; cross</p>
	35 m		

ROUTE No. XII.

AUTHORITIES.

Civil.

Military.

No
of
stages
and
total
distance.

POLITICAL AGENT, DACHELKHAND, AT SUTNA.

GENERAL OFFICER COMMANDING, JUBBULPUR BRIGADE.

4

42 m.
7 f.

■

53 m.
1 f.

Pakaryar Nadi at 8½ m. by strong ford, impassable in rains.

A large village, about 1,200 yds. N. of road.
Camping Ground.—At junction of Great Deccan and Rewah-Mirzapur roads.

Water.—From well near b, 300 yds S. and tank E. of C G.

Supplies—Ample on notice. Only small quantities at hand. Grass and firewood scarce.

RAIPUR.—7 m. 7 f.—Road metalled but not bridged. Country as above.

Cross the Bakhsha at 3½ m. and Mahananadi at end of march, by causeway, impassable in the rains.

A good sized village ½ m. S. of road.

Camping Ground.—In mango grove, N. of road and 1 m. N.-E. of village.

Water.—Plentiful, from Mahananadi, 350 yds. E. of, and 2 wells on C. G.

Supplies.—In small quantities on notice. Grass and firewood plentiful.

REWAH.—10 m. 2 f. Road, raised, bridged, b., p.o., l.s. and metalled except for last 2 m. Country

open, undulating and mostly cultivated.
At 3½ m. Churgarhi; at 5 m. Kushia. Cross Bihar river at end of stage, by a high causeway in dry season, by boat (one, capacity 100

ROUTE No. XII.

ACTIVITIES*

CIVIL
MILITARYNo
of
stages
and
total
distance

Water—Plentiful, one well S. and one W. of C. G., also Bihar river.

Supplies.—Ample.

From here to Damoh by route II in 13 marches.

POLITICAL AGENT, RAJGIRI, AT SUTVA

GENERAL OFFICER COMMANDING, SUBBULPUR BRIGADE.

6

66 m.
6 f.

KATRA MOHARI.—13 m. 5 f. Country as above; road raised, bridged, metalled, and passable for all arms. At 4 m. Churehta; at $7\frac{1}{2}$ m. P. la; at $7\frac{1}{2}$ m. road to Nagode.

A small village.

Camping Ground.—N. of road.

Water.—From tank 130 yds. N.-E. of C. G.

Supplies.—On notice. Good grazing. Fire-wood limited.

7

80 m.
8 f.

AMARPATAN.—14 m. Country and road as above. A large scattered village with fort

in course of repair (1911).

Jhanna river $1\frac{1}{2}$ m. from village forms boundary between Rewah and Mainar States.

Camping Ground.—Demarcated, N.-W. of road at M. S. 112.

Water.—Plentiful from well 300 yds. E. of C. G.

For animals from Jhanna river, limited.

Supplies.—On notice; grass and fuel scarce.

8

111 m.
7 f.

MAIHAR.—14 m. 1 f. Country open, undulating and partly cultivated. Road metalled

and bridged.

At $11\frac{1}{2}$ m. cross the Tonse river.

ROUTE No. XII.

AUTHORITIES

Civil

Military.

No.
of
stage
and
total
distance.

POLITICAL AGENT, BACHELKHAND, AT SUTNA.

GENERAL OFFICER COMMANDING, JUDDHUPUR BRIGADE.

4

42 m.
7 f.

Pakaryar Nadi at $8\frac{1}{2}$ m. by strong ford, impassable in rains.

A large village, about 1,200 yds. N. of road.

Camping Ground.—At junction of Great Deccan and Rowah-Mirzapur roads.

Water.—From well near b., 300 yds S. and tank E of C. G.

Supplies.—Ample on notice. Only small quantities at hand. Grass and firewood scarce.

RAIPUR.—7 m. 7 f.—Road metalled but not bridged. Country as above.

Cross the Bakhsha at $3\frac{1}{2}$ m. and Mahananadi at end of march, by causeway, impassable in the rains.

A good sized village $\frac{1}{2}$ m. S. of road.

Camping Ground.—In mango grove, N. of road and 1 m. N.-E. of village

Water.—Plentiful, from Mahananadi, 350 yds. E. of, and 2 wells on C. G.

Supplies.—In small quantities on notice. Grass and firewood plentiful.

5

53 m.
1 f.

REWAH.—10 m. 1 f. Road, raised, bridged, b., p.o., &c. and metalled except for

last 2 m. Country open, undulating and mostly cultivated.

At $3\frac{1}{2}$ m. Churgarhi; at 5 m. Kushta. Cross Bihar river at end of stage, by a high causeway in dry season, by boat (one, capacity 100

DISTRICT COMMISSIONER, JUMMUPUR.		ROUTE No. XII.	
Ord.	Military	No. of stage and total distance	
GENERAL OFFICER COMMANDING, JUBBULTUR BRIGADE.		11	KYLWARA.—9 m. At 5 m. pass near Jukehi, r.s. at 6½ m, an unmetalled road leads to Saugor 113 m W.; b. at junction of roads.
		128 m. 4 f.	A small village in British territory. <i>Camping Ground</i> —100 yds W. of road and about 150 yds S. of village. <i>Water</i> .—From 2 good wells E. of and near C. G. <i>Supplies</i> .—On notice
		12	MURWARA.—7 m. 4 f. Country level, uncultivated, and partly covered with low jungle, road as before, pass Chaka at 3 m. Purana at 4 m and cross the Kutni river at 6½ m.
		136 m	A small town. <i>Camping Ground</i> —S.W. of town. <i>Water</i> .—Abundant and good from Government well. Junction on here run the branch lines Railway with the Great Indian Peninsula and Bengal-Nagpur Railways, respectively.
		13	PIPRODHI.—8 m. Country very jungly, in (r.s., NIWAR 3 m. E.) parts rocky, road as before; pass Tinjurri at 4 m. and cross the Newar at 5 m.
		144 m.	A small village. <i>Camping Ground</i> .—S. of village confined and swampy after rains. Ground is shady, wells disinfected

AUTHORITIES.		No. of stage and total distance	ROUTE No. XII.
Civil.	Military.		
DEPUTY COMMISSIONER, JUBBULPUR. GENERAL OFFICER COMMANDING, JUBBULPUR BRIGADE.			<p><i>Water.</i>—Good, but insufficient, from a tank close to camp, and also 3 wells in village. <i>Supplies.</i>—Procurable.</p>
		14	<p>SLEEMANABAD.—8 m 4 f Country hilly r.a. (3 m S.-E.) and very jungly; road as above; cross the Kutni river and 5 <i>nalas</i> en route; pass Nyagurwa at 3½ m. and Teori at 5 m. A village. <i>Camping Ground</i>—One N the other S.-W. of village. <i>Water.</i>—Good for N. Camp from a well and the Kutni stream; from a well and tank for other C. G. <i>Supplies.</i>—Procurable.</p>
		152 m. 4 f.	
		15	<p>SIHORA—13 m. 6 f. Country at first hilly b. p. o. t. s. r. a. and jungly, afterwards open and cultivated; road as before, pass Koka at 1½, Amoch at 6 m and Mohla at 8 m. A large village. <i>Camping Ground</i>—½ m. N.-E. of village. <i>Water.</i>—From 5 wells; 3 tanks and a stream. <i>Supplies.</i>—Abundant.</p>
		166 m 2 f.	
		16	<p>GOSALPUR.—8 m. Country flat, open and b. cultivated; road metalled bridges over 2 <i>nalas</i>, practicable for all arms; cross the Hiran river by ford in dry season. Fit for all arms. In rains by ferry; 2 boats usually available. Capacity, 1 cart or 30 men. A village.</p>
		174 m. 2 f.	

ATTACHMENTS.		No. of stage and total distance.	ROUTE No. XII.
Gr.I.	M.I. tary		
DEPUTY COMMISSIONER, JUBBULPUR.	GENERAL OFFICER COMMANDING, JUBBULPUR BRIGADE.		<p><i>Camping Ground</i>—600 yds. S. of village. <i>Water</i>.—Abundant from 1 well and tank <i>Supplies</i>.—Plentiful.</p>
		17	<p>PANAGAR—9 m. Country undulating at first, then open with cultivation; road metalled and bridged; practicable for all arms. A good-sized village. <i>Camping Ground</i>.—S of village 300 yds E. of road, marshy in rains, shaded by mango trees. <i>Water</i>.—Abundant from a well and tanks, water good. <i>Supplies</i>.—Plentiful.</p>
		183 m. 2 f.	
		18	<p>JUBBULPUR.—9 m. Country as in last stage, b., p o, r s, i.e. road metalled, suitable for all arms; cross the Puregut by bridge; also a nala, dry except in the rains, paved with stones. A cantonment and civil station Here main Routes VI and XI cross and minor route 10 to Birsapur starts. <i>Camping Ground</i>—250×200 yds. E. of civil station <i>Water</i>—From wells and pipe. <i>Supplies</i>.—Procurable.</p>
		192 m. 1 f.	
		19	<p>MIRGANJ—9 m. 7 f. Country level and cultivated; road metalled and bridged, suitable for all arms. Nalas fordable; at 3½ m. pass Gusha.</p>
		202 m 1 f.	

ROUTE No. XII.

AUTHORITIES		No. of stage and total distance.	
Civil	Military		
DEPUTY COMMISSIONER, NARAINCHITUR.	GENERAL OFFICER COMMANDING, JUBBULPUR BRIGADE.		
		20	<p>Supplies—Procurable.</p> <p>SHAHUPURA—8 m Country, road, <i>talas</i> as before, except that from 2 m. 6 f. road is unmetalled</p> <p>A large village</p> <p>Camping Ground—S of road and near village.</p> <p>Water—Plentiful, good, from 3 wells in vicinity of C (i).</p> <p>Supplies—On notice</p>
		210 m 1 f.	
		21	<p>KAMARIA—8 m Country undulating and covered with scrub jungle, but cultivated towards end of stage; road unmetalled but partially bridged and suitable for all arms; cross the Nerbakhia by ford over loose heavy soil in the dry season, by ferry (1 boat carrying 20 men) in the rains, then ascend to Janai-ghat on S bank by a steep path.</p> <p>A large village</p> <p>Camping Ground—10,000 sq yds S of road.</p> <p>Water.—Plentiful from 3 wells in local order.</p> <p>Supplies—On notice.</p>
DEPUTY COMMISSIONER, NARAINCHITUR.	GENERAL OFFICER COMMANDING, JUBBULPUR BRIGADE.	2	<p>CHHINDWARA-CHOTA—5 m. Road and <i>talas</i> as above</p> <p>A large village.</p>
		223 m. 1 f.	

ROUTE No. XII.

ACTIVITIES. No
of
stage
and
total
distance

Cir. Mil.
1877

Camping Ground—Small 100 yds N of road.
Water—Good from 2 wells in good order, and
for animals from stream near C G
Supplies—Procurable.

23

BELKERI—11 m, 6 f Country and road as
above. Cross Umar at
4 m 6 f and Hanganaga
at 7 m, both generally fordable. A large vil-
lage.

234 m
7 f.

Camping Ground—120×100 yds S of road
Water—Good from Sher river, 150 yds from
C G
Supplies—Procurable

24

NARSINGHPUR—11 m Country and nalis
b, p o, r s, t s as above, road as be-
fore for first 6 m, thence
metalled and bridged; cross the Sher on start-
ing by ferry (2 boats, each carrying 20 men)
and pass Khandara at 7 m. A small civil
station

245 m
7 f

Camping Ground—210×160 yds W. of and
close to the town hall
Water—Plentiful, good, from 2 wells at a little
distance, for animals from a nala in vicinity of
C G
Supplies—Abundant.

25

KARELI—9 m, 2 f. Country as above;
p o, r s road unmetalled, na-
las fordable. Cross
the Barurewa (generally fordable) at 4½ m.

255 m.
1 f

DEPUTY COMMISSIONER, NARSINGHPUR.

GENERAL OFFICER COMMANDING, JUBBULPUR BRIGADE

ROUTE No. XII.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Military.		
DEPUTY COMMISSIONER OF HOSHUNGABAD.	D. C. KARNIYOTPUR.		<p>A large village. <i>Camping Ground</i>.—100×440 square yds. E. of and near village. <i>Water</i>.—Plentiful, good, from 2 wells, 100 yds from C. G. also 1 tank near C. G. <i>Supplies</i>.—Procurable.</p>
		26	<p>PANARI.—8 m 4 f. Country open, cultivated (wheat) road as above, except that the latter is metalled for the 1st m.; pass Bandesur at 4 m.</p>
DEPUTY COMMISSIONER OF HOSHUNGABAD.	GENERAL OFFICER COMMANDING, JUDDHUTUR BRIGADE.	263 m. 5 f.	<p>A large village. <i>Camping Ground</i>.—99,000 square yds. 100 yds E. of village and broken by <i>nalas</i> running across it; ground kept clear of brush wood. <i>Water</i>.—Plentiful, good, from many wells in vicinity of C. G. <i>Supplies</i>.—On notice.</p>
		27	<p>GADARWARA.—12 m Country, road, and b., p.o., i.e. p.s., <i>nalas</i> as above, pass Kauriya (p.o.) at 9½ m. and cross the Sakur, near end of stage by ford and in rains by ferry, 1 boat carrying 40 men</p>
DEPUTY COMMISSIONER OF HOSHUNGABAD.	GENERAL OFFICER COMMANDING, JUDDHUTUR BRIGADE.	275 m. 5 f.	<p>A large village. <i>Camping Ground</i>.—318,500 square yds. 60 yds W. of village. <i>Water</i>.—Plentiful, good, from 3 wells, and for animals from 11 tanks in vicinity of C. G. <i>Supplies</i>.—Abundant.</p>

ATTORITIES.		No. of stage and total distance	ROUTE No. XII.
Qtr.	Mil-itary.		
DEPUTY COMMISSIONER OF HOSHUNGABAD.	GENERAL OFFICER COMMANDING, JEDBURGH BRIGADE.	28	NANDNAIR —7 m. Country and road as above, pass Amagaon at 8 m. and cross the Umar (fordable) at end of stage, unsuitable for artillery, unfordable in rains; road here bad. A small village. <i>Camping Ground</i> .—348,500 square yds. 500 yds. S.-W. of village. <i>Water</i> .—Plentiful, good, from 3 wells and the Uhar stream near C. G. <i>Supplies</i> —On notice
		29	BANKHERI —15 m. Country sparsely cultivated; road as above; pass Panigar at 7½ m. and cross the Dudhi river immediately afterwards by ford in dry season, by ferry (1 boat carrying 20 men) in the rains. A large village. <i>Camping Ground</i> —87,120 sq. yds., 50 yds. N of village. <i>Water</i> —Plentiful, good, 3 wells and the Ole stream near C. G. <i>Supplies</i> .—Procurable.
		30	HATWAS —12 m. 5 f Country, road, and r.s., (PIPARIA). nalasus above. Cross the Arjan at 8 m and Kurini at end of stage, both fordable except after heavy rain A large village on the left bank of the Kurini Piparia, r.s., is 1 m. S. of Hatwas whence a unmetalled road runs to Pachmar, 30 m.
		310 m. 2 f.	

AUTHORITIES

Civil

Military

No
of
stages
and
total
distance

ROUTE No. XII.

DEPUTY COMMISSIONER OF TOSHUNGABAD.

GENERAL OFFICER COMMANDING, JUBBULPUR BRIGADE.

31

321 m.
3 f.

Camping Ground.—325,250 sq. yds. $\frac{1}{2}$ m. N.E. of village
Water.—Not sufficient from a well 61 ft. deep, but there is a river close by.
Supplies.—Procurable.

SOHAÇPUR—11 m 1 f. Country well
b, p.o., r.s., t.s. cultivated (wheat);
 road partly bridged
 for 1st $8\frac{1}{2}$ m., thence metalled. Pass Nemari
 at 4 m. and Naptina at 6 m.

A large town

Camping Ground—141,220 sq. yds. E. of
 village, not kept clear of brushwood.

Water—Ample, good, from 6 wells and the
 Palakmati river close to C. G.

Supplies—Abundant

32

328 m
7 f.

SEMRIHARCHAND—7 m. 4 f. Country
p.o., r.s., and nala as before.

Road metalled for
 first $2\frac{1}{2}$ m only. Cross Palakmati on start-
 ing, by ford in dry season by bridge $\frac{1}{2}$ m.
 up river in the rains Pass Ramhouri at 2 m.

A fair-sized village.

Camping Ground.—305, 860 sq. yds. 200
 yds. E. of village

Water.—Plentiful, good, from a private well
 and another close by, and a nala close to C. G.

Supplies.—Procurable.

33

338 m.
7 f.

BABAI.—10 m. Country and nala as
p.o. above; road neither
 metalled nor bridged,

but practicable for all arms. Pass Bhut-
 wara at $5\frac{1}{2}$ m.

AUTHORITIES.		No of stages and total distance.	ROUTE No. XII.
CHIEF.	YLL- fact		
DEPUTY COMMISSIONER OF HOSHUNGABAD.	GENERAL OFFICER COMMANDING, JUBBULPUR BRIGADE.		<p>A large village. <i>Camping Ground</i>.—750×400 yds. 250 yds. E. of village. <i>Water</i>.—Plentiful, good from numerous wells, being near C. G., other wells in village. <i>Supplies</i>.—Procurable.</p>
		34	<p>TAWA RIVER.—0 m. 2 f. Road and near NIM-ANDIA nalas as before. Pass Anchalcheri at 4 m. and cross Tawa river at end of stage, by ford in dry season (double span of animals necessary for heavy carts), boat (carrying 20 men or 1 cart) in rain.</p>
		245 m. 1 f.	<p>A village. <i>Camping Ground</i>.—419,350 sq. yds. on left bank 1½ m. E. of Nimsandia. Soil sandy, not kept clear of brushwood <i>Water</i>.—Ample, a good well also from river. <i>Supplies</i>.—On notice.</p>
		35	<p>HOSHUNGABAD.—8 m 6 f. Road me- b, p, o, t, s, e. talled and bridged after 1st 3 m. Country slightly undulating and cultivated. At 1½ m. Nimsandia; at 4 m Jhasulpur. A civil station on left bank of Nerbadda river, Headquarters of Commissioner. <i>Camping Ground</i>.—600×400 yds. on bank of river, ½ m. N.-W. of town, demarcat- ed. <i>Water</i>.—Good from river <i>Supplies</i>.—On 15 days' notice.</p>
		353 m. 7 f.	

ROUTE No. XII.

AUTHORITIES

VII

Military.

No.
of
stage
and
total
distance.

36

365 m.
7 f.

DULARIA—12 m. Good fair-weather road, p.o., r.s., (1½ m.) . unmetalled. Country open. At 4 m. Rokna; at 7 m. Samnalkhera; at 9 m. Berikheri and cross nala by ford. A good sized village with a few shops. (Somri p.o., and r.s., 1½ m. S.-E. of village.)
Camping Ground—Extensive, demarcated, 200 yds. S. of village on right bank of Hathara river
Water—Abundant from wells and river.
Supplies.—On notice

37

372 m.
5 f.

BAGHWARA.—6 m 6 f. Road and country r.s. (2 m.) as above
 At ½ m. a river; at 3½ m. a nala; at 3 m. 3 f. Rutmara, a big village S. of road
 This stage crosses 4 rivers and one large nala, difficult in the rains.
 A small village with a few shops.
Camping Ground—100 yds S. of village on right bank of Hajaria nala.
Water—Abundant from wells and road.
Supplies.—On notice.

39

381 m.
7 f.

SEONI.—9 m. 2 f Road and country as b., p.o., l.s., r.s. (1½ m.) above.
 At 1 f. Hajaria nala; at 7 f. a nala.
 At 1½ m. Dharam Kundl r.s., cross railway; at 3 m. 2 f. and 3 m. 7 f. nalas with pakka causeways; at 5 m. 2 f. a village; at 5 m. 4 f. a nala; at 8 m. 3 f. a small river with pakka causeway.

DEPUTY COMMISSIONER OF DOSHUNGABAD.

GENERAL OFFICER COMMANDING, JUBBULPUR BRIGADE.

ACTIVITIES.		No. of stages and total distance	ROUTE No. XII.
Civil	Military		
DEPUTY COMMISSIONER OF HONGKONG.	GENERAL OFFICER COMMANDING, HUNGKONG BRIGADE		<p>A big town. Headquarters of a Tahsildar; police station.</p> <p><i>Camping Ground</i>—Good, demarcated, 12,000 yds. N.E. of town, on N. bank of Kandali river.</p> <p><i>Water</i>—Good, from a pakka well, which is cleared after the rains.</p> <p><i>Supplies</i>.—A large grain market. Grain for a brigade, and 600 maunds bhuss and grass always available; notice must be given for fuel.</p>
		39	<p>PAGHDAL—7 m. Country and road as above. Cross several nallas, two bridged.</p>
		388 m. 7 f.	<p>At 4 m 6 f. Rawanpapat S. of road; at 6 m. Boaria.</p> <p>A big village.</p> <p><i>Camping Ground</i>.—300 yds. S.-W. of village, small, demarcated.</p> <p><i>Water</i>.—Abundant from wells.</p> <p><i>Supplies</i>.—A few shops.</p>
		40	<p>TEMURNI.—8 m. 6 f. Country and road as above.</p>
		397 m. 5 f.	<p>At 1½ m. Diutia on right bank of Moral river.</p> <p>At 2½ m. Gunjal river 300 yds wide, bed sandy, banks high, difficult for carts, fordable 5 days after heavy rains.</p> <p>At 3½ m. Chilgaon Baskar; at 7½ m. Temurni r.s., to-right.</p> <p>A big town with police station.</p> <p><i>Camping Ground</i>.—300 yds. S.-E. of village on right bank of Kandali river, demarcated room for one battalion.</p>

AUTHORITIES		No of stage and total distance	ROUTE No. XII.
Civil	Military		
DEPUTY COMMISSIONER OF HOSHUNGABAD,	GENERAL OFFICER COMMANDING, JUBBULPUR BRIGADE,	41	<p><i>Water.</i>—Wells and river.</p> <p><i>Supplies</i>—Ample for men; 15 days' notice for fuel and forage.</p> <p>HARDA.—8 m. 4 f. Country and road b, p.o., t.s, r.s. as above.</p> <p>At 2½ m. a nala; at 3 m. Charkhera on left and Nimacha on right of road Nalas; at 4½ m., 4¾ m., 5½ m. At 6½ m. Uraon and nalas. Irish bridges at all streams</p> <p>A big town, Headquarters of Extra Assistant Commissioner, police station</p> <p><i>Camping Ground.</i>—1,000 yds. E of town, demarcated, room for 2 battalions</p> <p><i>Water</i>—From wells and Anjan river about 3 f off (ample)</p> <p><i>Supplies</i>—Abundant</p>
RESIDENT, INDORE.	G. O. C., 5TH (MHOW) DIVISION.	42	<p>NIMAWAR—13 m. 4 f. Country undulating and cultivated Road b, p-o. metallised in fair repair, fit for motors, nalas bridged or paved.</p> <p>At 7½ m. a well; at 10½ m. Goua; at 13 m. Hindia and cross Nerbadda river to Nimawar.</p> <p>The river is not fordable till March and is then only passable for empty carts on account of the sandy bed. Bed about 400 yards broad; approach from S. is bad. About a dozen punts (8 capacity 8 empty carts and 4 capacity 2 empty carts) and a pontoon (motor or field gun) available.</p> <p>Both Resident, Indore, and D. C., Hoshungabad, must be written to for boats, as about</p>

AUTHORITIES		No. of stages and total distance	ROUTE No. XII.
Civil	Military		
RESIDENT, INDORE. GENERAL OFFICER COMMANDING, 5TH (MHOW) DIVISION.			<p>half belong each side of river. Pontoon belongs to Indore. When river is full, each trip takes about an hour, dry weather 1 hour.</p> <p><i>Camping ground</i>—On N. bank (Indore) either at turning to d b or between d b and temple, room for one regiment at each.</p> <p>On S. bank (Hoshungabad) 200 yds. S of police thana on W. of road</p> <p><i>Water</i>—One well on each ground, that on S. bank, best; also from river</p> <p><i>Supplies</i>—About a dozen bunnias' shops on either bank. Notice (one month) to D. C., Hoshungabad, for S. bank and Resident, Indore, for N. bank</p>
		43	<p>KHATAGAON—9 m Country cultivated b, p-o. and undulating Road metalled and good, nala, bridged or paved; a slight ascent all the way</p> <p>Khatagaon is a town of 2,000 houses with dispensary.</p> <p><i>Camping ground</i>.—By dak bungalow, for a brigade</p> <p><i>Water</i>—One well in hospital compound, 100 yds distant, one in factory compound opposite dak bungalow</p> <p><i>Supplies</i>—Abundant Notice required for fuel and fodder.</p>
		428 m 5 f	
		44	<p>KANOD—12 m 4 f. Country at first jungle-clad, then cultivated. Road metalled and good</p>
		441 m 1 f.	

AUTHORITIES		No of stage and total distance	ROUTE No. XII.
Civil	Military		
RESIDENT, INDORE.	GENERAL OFFICER COMMANDING, 5TH (MHOW) DIVISION.		<p>At 8½ m Nanasa, a small village Kanod has about 2,000 houses and a dispensary.</p> <p><i>Camping ground</i>.—200 yds S-E of dak bungalow for 1 regiment</p> <p><i>Water</i>.—One well on C G and two others near Talao for animals</p> <p><i>Supplies</i>.—Available for a regiment. Ample on notice (one month). Grass scarce</p> <p>Another C G with well is available on the west of the town by the Lutcherry</p>
		45	<p>BIJWARI—12 m Country hilly, cultivated, p o. (PANIGAON) ed in vicinity of villages, otherwise</p> <p>jungle</p> <p>Road metalled and good, nalas bridged or paved</p> <p>At 3½ m Bagankhera and cross nala to Kaloda, at 6½ slight ascent and at 7½ m. Kalwar Ghat ½ m long begins; at 9 m. Kalwara</p> <p><i>Bijwari</i> is a small hamlet</p> <p><i>Camping ground</i>.—In vicinity of bungalow.</p> <p><i>Water</i>.—4 wells near</p> <p><i>Supplies</i>.—Nil One month's notice required Ample firewood and grass from surrounding jungle.</p>
		458 m 1 f.	
RESIDENT, GWALIOR.		46	<p>CHAPRA.—15 m. At 4 m Hatnori; Dhar-talao Ghat begins here, at 11 m top of</p> <p>Ghat; at 9 m. Kherakal at 10 m Bari, at 11 m; Paulac; at 13 m. Pipha.</p>
		469 m. 1 f.	

AUTHORITIES		No. of stage and total distance.	ROUTE No. XII.
Grd.	MILITARY.		
RESIDENT, INDORE. GENERAL OFFICER COMMANDING, III (MHOW) DIVISION.			Country jungle covered till near Bari when cultivation begins; from the top of the Ghat onwards fairly flat Road metalled, but rough after first three miles. <i>Camping ground</i> .—West of village for one brigade <i>Water</i> —two wells. <i>Supplies</i> .—One month's notice required. There is a t s at Hatpipia 5 m. N. by metalled road
		47	RAGHOGARH —11 m Country, partly jungle and partly cultivated at first, latter part almost entirely under cultivation. Road metalled but rough
		480 m 1 f.	At 6½ m Hirapur From here ascent of Ghat (gradual) begins. Raghogarh is about a mile beyond the top of the Ghat <i>Camping ground</i> .—S. of road on sloping ground <i>Water</i> .—One well (perennial) <i>Supplies</i> .—On notice. Three bunnias' shops in village Grass and firewood from jungle.
		48	KHUREL —10 m. Country generally cultivated. Road metalled, but rough for first 7 m
		490 m 1 f.	At 2 m Akharapur with a talao holding water in April; at 6½ m. Phalli to S; at 8½ m. a talao to N of road. <i>Camping ground</i> .—To E. of bungalow, shady, for two regiments.

AUTHORITIES		No of stage and total distance	ROUTE No. XII.
Civil	Military		
P. A. SOUTHERN STATES OF CENTRAL INDIA, MANFUR.	RESIDENT, INDORE		<p><i>Water</i>.—One well; low in hot weather. <i>Supplies</i>.—On notice.</p>
		49	<p>INDORE—12 m Country cultivated and flat. Road metalled and good. At 5½ m. Dodia; at 10 m (M S O Mhow) Gate, road turns off to right through park to C. G. two miles distant. <i>Camping ground</i>.—By Rutlam Kothi, 2½ acres <i>Water</i>.—Well in compound of Rutlam Kothi <i>Supplies</i>.—Abundant.</p>
		502 m 1 f.	
		50	<p>KALARIA.—9 m Country flat and cultivated Road metalled and good. At 4 m Sirpur. <i>Camping ground</i>.—Not demarcated. <i>Water</i>.—2 wells (private) and Ghauri nala. <i>Supplies</i>.—On notice.</p>
		511 m. 1 f.	
P. A. BHOJAWAR, MANFUR.	GENERAL OFFICER COMMANDING, BHC (MHOW) DIVISION.	51	<p>UPRI—15 m. Country flat and cultivated. Road metalled and good <i>Camping ground</i>.—70,500 sq. yds. on left bank of Chambal river. <i>Water</i>.—From Chambal river. <i>Supplies</i>.—On notice.</p>
		526 m. 1 f.	
		52	<p>GUNAWAD.—5 m. 3 f.—Good metalled road. At 1 m. 4 f. Pankheri, 4 huts and p. o. At 3 m. 5 f., metalled road to Neemuch branches off (14 marches) Route III.</p>
		531 m. 4 f.	

ACTED BY:

No.
of
stages
and
total
distance

ROUTE No. XII.

Civil Military

115 houses, 3 shops
Camping ground.—35,000 sq. yds. E of vil-
 lage, no boundary pillars.
Water—From well, 30 ft deep, also from
 nala and tank.
Supplies—From Dhar Dikthan.

53

DHAR—7 m. 3 f. Road as above. At 2 f.
 b, p, o, t s cross a large nala,

538 m

7 f

country open and
 cultivated at 3 m 1 f cross Bagari nala
 (bridged) at 6 m 2 f Setpura.

A large town with small fort.

From Dhar a metalled road runs to Mandoo.
 19 m the ancient capital of Malwa and to
 Gujri, 22 m (on route VIII) general direction
 S. E.

Camping ground.—816×685 yds 1½ m. E. of
 town, marked by wooden pegs.

Water—From 2 tanks and wells.

Supplies.—And transport abundant from
 Dhar city.

54

MANGOD.—15 m. 4 f. Road as above. At 2
 m. 4 f. pass Dayi-
 Sagar tank, 3 m. 5½ f.

554 m

3 f.

Amkleri; 4 m Gianpura; at 5 m 1 fr.
 Nathkotchotri, small temple, at 11 m. 5 f.
 Tala, and a cart road to Amjhera to left
 at 11 m. 3 f. Mangrol, about 3 f. to left.

A small village.

Camping ground.—Near rest house. Not
 demarcated.

Water.—From wells which are liable to dry up.

A small tank for animals 1 m. N. of camp.

Supplies—From Amjhera 3 m. off.

POLITICAL AGENT, BHOPALWAR AT MANDU.

GENERAL OFFICER COMMANDING, 5TH (MHOW) DIVISION

AUTHORITIES		No of stage and total distance.	ROUTE No. XII.
CIVIL	MILITARY		
POLITICAL AGENT, BHOPAWAR, AT HANPUR.	GENERAL OFFICER COMMANDING, 5TH (MHOW) DIVISION.	55	SIRDARPORE. —11 m. 1 f. Road as above b., p.-o., l.-s. At 3 m. 3 f. Hatod, 4f. to left; at 4 m. 6f road from Dhar via Sagwad joins on right, and from Dhar via Amjhera on left, both country carts-roads; at 8 m. 2 f. Phulgamri; at 8 m. 4 f. cross large nala (bridged) <i>Camping ground</i> —Not demarcated <i>Water.</i> — } Abundant. <i>Supplies.</i> — }
		565 m. 4 f.	
		56	TIRLA. —10 m. 2 f. Good metalled road to Rajgarh, afterwards fair-weather cart- track, on starting cross Mahi river (bridged) at 3 m. Rajgarh, at 6 m. 7 f. Piparni; at 9 m. 1 f. Chharawal. A small village on E. bank of Chanar river, 3 shops. <i>Camping ground.</i> —38, 400 sq. yds. 172 yds. N.-W not demarcated. <i>Water.</i> —From 4 wells, 27 ft. deep and tank, and river with water all the year. <i>Supplies.</i> —
		575 m. 6 f.	
		57	PARA. —12 m. 7 f. Tolerable cart-road for 2 m. then begins des- cent of Tirla ghat, not
		588 m. 5 f.	
			transport stations

AUTHORITIES		No of stage and total distance.	ROUTE No. XII.
Genl.	Military.		
POLITICAL AGENT, BHOPALWAR, AT MANPUR. GENERAL OFFICER COMMANDING, 6TH (INDIA) DIVISION.			<p><i>Camping ground</i>.—Two, named Bagichawala and Garwarwala on high ground to and E. of village.</p> <p><i>Water</i>.—Plentiful, rivers and wells.</p> <p><i>Supplies</i>—Plentiful, 10 shops.</p>
		58	<p>RANAPUR—0 m. 4 f. A fair-weather country road. At 1 m. 4 f. Wella, a Bhil village; at 3 m. 4 f. Rajla, a thana with 6 sepoy and 1 sowar; at 8 m. Bhuri Mati, 20 Bhil huts.</p> <p>721 houses, population 2,336, Tehsildar's office with 22 sepoy and 11 sowars.</p> <p>Small amount of transport available.</p> <p><i>Camping-Ground</i>—1 higha, 14 biswas, demarcated.</p> <p><i>Water</i>.—Plentiful from wells, depth 25 ft., tank 400 yds. to W. and stream.</p> <p><i>Supplies</i>—Plentiful.</p>
		593 m. 1 f.	
		59	<p>KUNDANPUR.—0 m. 4 f. Fair-weather cart-road, soil brown, soft and lully; cross many nalas with stony beds. At 1 m 4 f. Mathasula with 40 Bhil huts and Chota Mathasula with 20 huts; at 3 m. Tanda and cross Mad nala; two Bhil chatkis on both sides of nala, 1 in village of Uberao, 30 huts; the other in Dotad, 60 huts. Nala occasionally impassable for 1 day only in heavy floods.</p> <p>80 houses, 4 shops, population 237. Thana with 6 sepoy and 2 sowars.</p>
		607 m. 5 f.	

AUTHORITIES

Civil.

Military.

No
of
stages
and
total
distance

ROUTE No. XII.

POLITICAL AGENT, BHOPAWAR, AT MANPUR.

COLLECTOR OF PANCH-
MAHALS, AT GODHRA.

GENERAL OFFICER COMMANDING 5TH (MHOW) DIVISION.

60

621 m.
1 f.

Camping ground—two. 1 called Bagicha-
wala with black soil the other on the bank
of Bhami river with brown, hard soil
Water—Plentiful from river and well.
Supplies—Moderate

DOHAD—13 m. 4 f Road between Kun-
danpur and Dohad
b. p o. r s practically non-exist-
ant; ruts in places
2 ft. deep, many mules very difficult to cross
and impassable in rains. At 4 m Agawara.
1 house (here enter British territory); $\frac{1}{2}$ m.
further cross Kali river impassable after
heavy rain for a few hours at 7 m. 4 f.
Katwara 160 houses, 13 shops, water and
supplies deficient. at 9 m 4 f Gamla; at
10 m 4 f Tal. at 11 m — — — — — ver

marches)

Camping ground—30 acres, demarcated, in
bungalow compound
Water.—A large tank and several wells.
Supplies—All kinds abundant.

61

640 m.
1 f.

LIMKHERA.—19 m. Road metalled and
b. p o. r. s. , bridged through hilly
country covered with
thick jungle. At 11 m. Balundi with 1 well
and small tank, no supplies; road crosses
railway several times. A small village.

ROUTE No. XII.

AUTHORITIES,

No
of
stages
and
total
distanceCivil
Military

COLLECTOR OF PANCHMAHAIS AT GODHRA.

GENERAL OFFICER COMMANDING, 5TH (MHOW) DIVISION.

62

855 m
1 f.

Here a made road branches off to Limbd and Jindol.

Camping ground—On left bank of Hadagh river 500 yds S.-E. of r. e*Water*.—From river and wells*Supplies*—Obtainable

ORWARA—16 m. Road as above

At 5½ m. Piplod (p. o.
and r. e).

Cross railway several times.

A small village with police thana, dharmasala, and 5 shops

Camping Ground.—N. of dharmasala.*Water*—Abundant, from wells and tanks*Supplies*.—Scarce.

63

685 m.
6 f.

GODHRA.—10 m. 5 f. Road metalled but p. o., r. e, s. e not bridged.

Cross several nalas

At 3 m. Chandao; at 5 m. Cundri; at 7 m.

Parwarl and stream at 9½ m. Woori.

A town with small fort.

Headquarters of district; Veterinary Hospital; 4 dharmasalas.

Camping Ground.—In Talukdari school compound (11 acres).*Water*.—Abundant from wells; also tanks lasting 3 months*Supplies*—Abundant. Transport available. By Route 28 to Baroda, 5 marches.

ROUTE No. XII.

AUTHORITIES		No of stage and total distance.	
Civil.	Military.		
COLLECTOR OF PANCHMAHALS AT GODHRA.	GENERAL OFFICER COMMANDING, 5TH MHOW DIVISION	64	<p>PALI.—18 m. 4 f. Cart-road. heavy, soil sandy, country jungly with cultivation near villages. Cross Mahua and Kun rivers banks low and easy At 15 m. 7 f. recross Kun river narrow and difficult for carts; at end of stage cross Mah river 800 yds broad, bed loose stones, banks high, fordable; a temporary bridge exists except in rains From Tumbar s. to Pali ground is rocky.</p> <p>A small village.</p> <p>Bungalow near railway bridge, on right bank of river.</p> <p>Camping Ground.—$\frac{1}{2}$ m. from village 5 acres, demarcated and cultivated</p> <p>Water.—From wells and river.</p> <p>Supplies.—Scanty.</p>
		684 m. 2 f.	
		65	
		693 m. 5 f.	<p>THASRA.—9 m. 3 f. Cart track, parts in h., p. o., r. s. very black soil, very heavy in rains. At 8 m. Malwan, soil here good, mixed sand and earth.</p> <p>At 8 m. 4 f. Anghadi on the Gathi river which is bridged; at 10 m 5 f. Ambao; at 11 m. 7 f. Badarpur</p> <p>A small town, 1,000 houses.</p> <p>Camping ground.—320 yds. to N. in paddy fields between 2 tanks demarcated, 9 acres.</p> <p>Water.—2 tanks and also wells</p> <p>Supplies.—Abundant.</p>

AUTHORITIES.		No of stage and total distance.	ROUTE No. XII.	
Civ	Military			
COLLECTOR AT KAIRA.	GENERAL OFFICER COMMANDING, 5TH (MHOW) DIVISION.	66	ALINA. —11 m. 2 f. Road as above to Dakor, 8 m. 6 f. thence metalled, at	
		704 m 7 f.	10 m. pass Masra. A small village. <i>Camping ground.</i> —N. side of road 3 of village 8 acres, under cultivation. <i>Water.</i> —Obtainable. <i>Supplies.</i> —Obtainable.	
		67	MAHUDA —7 m. 4 f. Road metalled; pass Balari, Khahari, cross Mohor river to	
		712 m 3 f.	Kharol; 50 yds wide, banks steep and precipitous, bed sandy, unbridged, impassable in rains; fordable other times. A large village, 3,501 houses and dispensary. <i>Camping Ground.</i> —350 yds. to E. 6 acres. <i>Water</i> —From large tank and wells <i>Supplies</i> —Abundant.	
COLLECTOR AT AHMEDABAD.		68	MEHMADABAD —12 m. 4 f. Road as above. b., r.s. A town of 3,000 houses	
		724 m. 7 f.	<i>Camping Ground.</i> —Near r.s., 14 acres, demarcated. <i>Water.</i> —From wells, one in bungalow compound. <i>Supplies.</i> —Scarce, no grass.	
		69	WATWA. —13 m. 3 f. Heavy cart-road through sandy soil; at 1 m. 7 f. Watrak	
		738 m. 2 f.	river, banks easy, bed sandy, 3 inches water at ford; at 2 m. 6 f. Ilampur; at 4 m.	

AUTHORITIES		No of stage and total distance	ROUTE No. XII.
Genl.	Military		
COLLECTOR AT AHMEDABAD.	GENERAL OFFICER COMMANDING, 5TH (MHOW) DIVISION.		<p>cross Meswa river; at 4 m. 3 f. pass Khany; at 8 m. 3 f. Deori.</p> <p>A village.</p> <p><i>Camping Ground</i>—6 acres, demarcated, under cultivation.</p> <p><i>Water</i>.—Large well and tank.</p> <p><i>Supplies</i>.—Abundant.</p>
		70	<p>AHMEDABAD.—9 m 3 f. Country cultivated. b, p.o, t s, r.s. Road as above as far as Nadol, then metalled and good.</p> <p>At 4½ m. enter Jamalpur gate of Ahmedabad city; pass through city to Delhi gate at 6½ m; at 7 m. road to Deesa (route X), branches off to left; at 7½ m. Cross railway by level crossing, road from r s joins on right.</p> <p><i>Camping Ground</i>.—I. I. parade ground 2½ m. N. of railway station.</p> <p><i>Water</i>—Abundant.</p> <p><i>Supplies</i>.—Supplies and transport abundant from Ahmedabad city.</p> <p>Routes, X, 18, 22, 26, 49, 52 and 21 meet here</p>
		747 m. 5 f.	

ROUTE No. XIII.

FROM GODDRO TO JODHPUR

Length 175 m. 5 f.

16 Marches.

(PORTION OF MAIN KARACHI TO NAINI TAL ROAD.)

Authority and date (month and year).—Durham Light Infantry,
March 1911.*Epitome*—General direction E by N. The country at first sandy and heavy; from Barmer it is undulating, then flat and cultivated as far as Jodhpur. As far as Jodhpur it follows nearly the line of railway and from Chandlora to Dundara runs along the right bank of the Luni River.

For Jodhpur to Nazrabad, see Route XI.

ATTITUDES		No of stages and total distance	ROUTE No. XIII.
Civil	Military		
RESIDENT AT JODHPUR	B O C, NAZRABAD BRIGADE	1	DUBBA-KA-PAR. —12 m 1 f. From Karachi to Goddro in 21 marches, 291½ m At 4 m. 11 f. pass a village with kutchia wells, good water. Road heavy and sandy. Village deserted. <i>Camping Ground</i> —On plain N.-E. <i>Water</i> —Several kutchia wells of good water 60 ft deep. <i>Supplies</i> —Nil (Gazals, rs, ps, ts, 4 m to N.)
		12 m. 1 f.	
		2	LASMA —9 m. Road as before. Small village.
		1 m 1 f.	<i>Camping Ground</i> — <i>Water</i> —1 well (good) 130 ft. deep. <i>Supplies</i> —Nil.

AUTHORITIES

Civil

Military.

No.
of
stage
and
total
distance.

ROUTE No. XIII.

3

27 m.
1 f.

KHABIN—6 m. Road as before, but harder. Latterly rocky with much jungle; a few wells of good water.

A moderate sized village in the E. angle of lofty rocky hill, the N.-W. of the Dungri range.

Camping Ground—Tolerable near the well E. S.-E. of village.

Water.—Abundant from well near C. G.

Supplies.—Scanty, procurable from Syane 3 m. N.-W.

4

28 m.
1 f.

JASAI.—9 m. Road alternately sandy and rocky, marked out and partly cleared.

Passable for carts, much jungle, at 7 m. pass small village, 1 well, 120 ft deep. Good water.

A small village under the N. face of a lofty rocky mountain in which there is a spring.

Jassair r.s., p.o., t.s. 1½ m.

Camping Ground—2 m. to E.

Water.—Plentiful.

Supplies.—Scarce.

5

48 m.
1 f.

BARMER.—12 m. The road is a camel-track, r.s., p.o., t.s. heavy and sandy, but passable for carts.

Pass several small villages, 1 well of good water and pass through hills to Barmer a large village on the slope of a steep rocky hill, commanded by a petty fort of stone with a tank in it. The Barmer hill is on the eastern extremity of a cluster of rocks in

RESIDENT AT JODHPUR.

GENERAL OFFICER COMMANDING, KASIRABAD BRIGADE.

CIRCUMSTANCES

VI.

MILITARY.

No
of
stages
and
total
distance.

ROUTE No. XIII.

RESIDENT AT JODHPUR.

GENERAL OFFICER COMMANDING, NAGRAHAD BRIGADE.

		the heart of the Shur or sandy desert and is on the high road between Marwar and Sind in one direction, and kutch and Jaisalmer in the other, with a long reach of waste and sterile country in every direction. Cross Route 23, from Deesa to Jaisalmer <i>Camping Ground.</i> — $\frac{1}{2}$ m. to E. <i>Water.</i> — <i>Supplies</i> —} Abundant.
6		DHUNDI —9 m. (Kavas r.s. 4 m. from r.s. C. G.) Sandy but good road through undulating and jungle country. At 7 m $\frac{5}{8}$ pass a small village, few shops and large tank. Small village on a sandhill to the S. of other <i>Camping Ground.</i> — $\frac{1}{2}$ m. to S. <i>Water</i> —Abundant and good. <i>Supplies.</i> —Nil.
57 m. 1 $\frac{1}{2}$.	7	BAITU. —18 m. Road well defined but sandy, r.s., l.s., p.o. running across a thinly wooded, but flat country. Pass several villages; steep sandhills to the right throughout this stage. A small village, a few shops <i>Camping Ground.</i> —To W <i>Water.</i> —Few wells (brackish) 100 ft. deep.
75 m. 1 $\frac{1}{2}$.	8	CHANDLORA. —12 m. Road sandy. Country undulating, with jungle Some katcha wells of good water in the bed of a dry tank.
87 m. 1 $\frac{1}{2}$.		

ROUTE No. XIII.

AUTHORITIES		No. of stage and total distance.	
Civil.	Military.		
RESIDENT AT JODHPUR. GENERAL OFFICER COMMANDING, NASTRADAD BRIGADE.			A moderate-sized village, a few shops. <i>Camping Ground.</i> —1,000×600 yds. to N. <i>Water.</i> — <i>Supplies.</i> —
		9	SIMLI.—9 m. 4 f. Country and road as above first 4 m. Then enter a level and cultivated plain near the Luni river. Pass several small villages, few shops; Luni river at Bhremulai is 400 yds. broad and shallow. The tanks are liable to be inundated in the rains. <i>Camping Ground.</i> —To N.-E. <i>Water.</i> —Abundant. <i>Supplies.</i> —
		98 m. 5 f.	
		10	BALOTRA.—11 m. A cart-road, good in parts. r.s., p.o., t.s. - At 3 m 6 f. pass several huts on bank of Luni; cross the broad sandy bed of Luni to Balotra, fordable; water in river July to October; 50 small boats in the rains. A large village. <i>Camping Ground</i> —1 m. to E. <i>Water.</i> — } Abundant. <i>Supplies.</i> — }
		107 m. 5 f.	
		11	KANARA.—10 m. Road and country as above Pass several villages; from Balotra the road is along right bank of Luni river. A large village on N. bank of Luni river. <i>Camping Ground.</i> — <i>Water.</i> — } Abundant. <i>Supplies.</i> — }
		117 m. 5 f.	

ROUTE No. XIII.

AUTHORITIES		No. of stages and total Lce. data	
Genl.	Mil- itary.		
RESIDENT AT JOHNPUR. GENERAL OFFICER COMMANDING, NASIRABAD BRIGADE.		12	SAMDARI. —10 m. Pass several villages; r.s., p.o., l.s., (1½ m.) the road runs along the right bank of Luni river as before, and is sandy and heavy in parts. Country cultivated and abounding in wells. A large village under a hill on Luni river here 700 yds. wide, bed sand and gravel. Fordable. Camping Ground.—½ m. to N.-W. Water — } Abundant. Supplies.— }
		127 m. 5/.	
		13	DUNDARA —14 m Cart road as above. r.s., p.o., l.s., (2 m) Country — above Pass several villages with many shops. A large village. Camping Ground.—1,000 × 8,00 yds. ½ m. to N.-W. Water — } Abundant. Supplies.— }
		141 m. 5/.	
		14	SATLANA. —11 m. The road leads through r.s., p.o., l.s. a richly cultivated country about 1 m. N. of Luni river. Pass several villages; a few shops. A large village. Camping Ground.—½ m. to N. Water — } Abundant. Supplies.— }
		152 m. 5/.	

AUTHORITIES		No of stage and total distance.	ROUTE No. XIII.
Civil.	Military.		
RESIDENT, JODHPUR.	GENERAL OFFICER COMMANDING, NASIRABAD BRIGADE.	15	SALAWAS—12 m. Road and country as above. r.s., p.o., l.s. A large village.
		184 m. 5 f.	r.s.—2 m. to E. Camping Ground—800×1,000 yds. Water.— } Abundant. Supplies.— }
RESIDENT, JODHPUR.	GENERAL OFFICER COMMANDING, NASIRABAD BRIGADE.	16	JODHPUR.—11 m. Road as above. b, p.o., l.s., r.s. British Agency 2 m from Jhallora gate
		175 m. 5 f.	Jodhpur is a walled town 5 m. in circumference and surrounded by tanks. The citadel and palace are on a rocky height, at the foot of which there is a town. The rocks on the E. side of the citadel are precipitous, highest point 451 ft. above the plain. Camping Ground—For large force on a fine plain E of city Water.— } Abundant. Supplies.— } From here by Route XI to Nasirabad.

ROUTE No. 1.

FROM KALESAN TO RAJA KINGAON.

Length 13 m. 0 f.

4 marches.

Authority and date (month and year).—General Officer Commanding, 9th (Secunderabad) Division, June 1910.

Epitome.—General direction N.W. This is only a cart-track, practicable in the dry season, traversing a country of black cotton soil. Several difficult rivers and nalas have to be crossed, also some steep and difficult hills.

AUTHORITIES.		No of stage and total distance	ROUTE No. 1.
Civil	Military.		
DEPUTY COMMISSIONER OF AKOLA, AKOLA.	G. O. C. JUBBULPUR BRIGADE.	1	KALESAN. A small village. <i>Camping Ground.</i> —N.-W. near river. <i>Water</i> —From river. <i>Supplies.</i> —Good and abundant.
		13 m. 3 f.	BARR. —13 m. 0 f. Road stony and rough at end of stage. Country flat and little cultivated. Soil red and black clay. Road is a fair-weather one over a hill, 50 ft high to E. of village. Cross and recross the Kher river and a nala unbridged. A fair-sized village. <i>Camping Grounds.</i> —E and W. of village; that to the W. becomes very muddy during rainy season. <i>Water.</i> —Ample from wells. <i>Supplies.</i> —Must be collected from Risod and Wakad.

ROUTE No. 1.

AUTHORITIES		No. of stage and total distance	
Civil	Military		
DEPUTY COMMISSIONER OF BULDANA, BULDANA.	GENERAL OFFICER COMMANDING, JUBBULPUR BRIGADE.	2	LONAR.—13 m. 7 f. Country covered with light jungle; soil clay and black; road better, fairly level. Cross a nala unbridged.
		27 m. 2 f.	A large place. Camping Ground—Good and extensive to E. Water—From wells adjacent. Supplies—Moderate.
		3	BIBI—11 m. 4 f. At 2 m. Sarsuti, a large village. The road in this stage is stony and rough throughout; two short but difficult hills are passed, the nalas are all difficult. Cross 3 nalas, unpaved.
		38 m. 6 f.	A small village. Camping Ground—Good and extensive, on both sides of road before reaching village. Water—Good, from wells and nala near. Supplies—Scarce
		4	RAJA KINGAON.—10 m. Vide Main Route No VII stage No. 1, cross the Purna river and a nala, unbridged.
		43 m. 6 f.	

Route No. 2

FROM RAJAH-DEWALGAON to KAMPTÉE.

Length 278 m. 7 f.

25 marches.

Authority and date (month and year).—Amner to Kamptée, Captain A. J. Biscoe, 1st Royal Irish Rifles, September 1913.

Epitome.—General direction, N.-E. Ellichpur, then E. to Amner, thence E.-S.-E. to Nagpur. As far as Umrapur the road is bad and cut up. From Umrapur it becomes good, and continues so to Amner.

Between Amner and Kotal it is very bad; from Kotal to Kamptée is a good metalled road. The country between Amner and Kamptée is fully cultivated black cotton soil.

AUTHORITIES.		No. of stage and total distance	ROUTE No. 2.	
Civil	Military			
DEPUTY COMMISSIONER OF BULDAHNA, BULDHANA GENERAL OFFICER COMMANDING, SUBDIVISION BRIGADE.			RAJAH-DEWALGAON. —A large town, 16 m. N.-E. of Jalna (vide Volume VI of 1910 Route VII) by good road. <i>Camping Ground.</i> —Small, shady. <i>Water.</i> —From river close by.	
		1	PATHAN-DEWALGAON —13 m. Inferior made road, much cut up. <i>Camping Ground.</i> —Good, though soft in wet weather. <i>Water.</i> —From nala close by.	
		18 m.	AMONA —9 m.	
		2	CHIKHLI. —11 m. Country hilly and rocky p o, t.s. Road bad and cut up. A large place. <i>Camping Ground.</i> —Inferior, on black soil, $\frac{1}{2}$ m. E. of village <i>Water.</i> —From wells.	
		33 m.		

ROUTE No. 2.

AUTHORITIES

Civil

Military.

No.
of
stage
and
total
distance.

DEPUTY COMMISSIONER OF BUIDANA, BUIDANA;

GENERAL OFFICER COMMANDING, SUBDIVISION BRIGADE.

4

47 m.

UMARPUR.—14 m. Country undulating with low grassy and stony hills, thin jungle and little cultivation. Road bad over black soil. Cross Pen-Ganga river and 2 nalas, unbridged; river bed stony, banks sloping.

A large village.

Camping Ground.—Good, near river.

Water.—From wells near, but these are sometimes dry.

5

57 m.

MAHKHERA.—10 m. Road very good, uphill for 2 m. then downhill.

Camping Ground.—Small and not good, near b.

Water.—From nala.

6

71 m.

KHAMGAON.—14 m. A large town, and important cotton mart; terminus of branch line from Jalamb.

Camping Ground.—Close to town.

Water.—

Supplies.— } Plentiful

7

82 m.

SHEGAON.—11 m. A large village and p.o., l.s., r.s.

Camping Ground.—Regiments usually camp on the open plain to E. of big tank 1 m. from the town.

Water.—Plentiful.

Supplies.—Easily procurable.

ROUTE No. 2.

AUTHORITIES.		No of stage and total distance	
Civil	Military		
DEPUTY COMMISSIONER OF AMBAOYL, AMBAOYL GENERAL OFFICER COMMANDING, JORJULFUR BRIGADE.		8	ANDURA.—13 m. Cross a river, unbridged.
		95 m.	<i>Camping Ground.</i> —Regiments use a private field close by. <i>Water.</i> —From Purna river, close by. <i>Supplies.</i> —Procurable from the village also from surrounding villages.
		9	PATSUL.—13 m. 4 f. Cross the Purna river, and 1 nala, unbridged.
		103 m. 4 f.	<i>Vide</i> Main Route No. III, stage No. 8.
		10	AKOT.—8 m. <i>Vide</i> Main Route No. III, p o., l.s. stage No. 9.
		116 m. 4 f.	
		11	FANEJ.—6 m. Cross a nala unbridged A fair-sized village.
		122 m. 4 f.	<i>Camping Ground.</i> —To the N.
		12	ANJANGAON.—11 m. 7 f. Country fertile, and richly cultivated. Cross the
		134 m. 3 f.	Sanar river, unbridged. A large village on the bank of the Sanar river. <i>Camping Ground.</i> —S. of village. <i>Water.</i> —From Sanar river.
		13	PATHROT.—5 m.
		139 m. 3 f.	

AUTHORITIES		No. of stage and total distance	ROUTE No. 2.
Civil.	Military		
DEPUTY COMMISSIONER OF AMRAOTI, AMRAOTI.	GENERAL OFFICER COMMANDING, JUBULPUR BRIGADE.	14	ELLICHPUR CANTONMENT. 13 m. Cross the Chandrabaga and Sampan rivers unbridged. Headquarters of the district; a large native city.
		152 m. 3 f.	The cantonment is 2 m. 3 f. beyond it to the N.
		15	SIRASGAON. —12 m. 3 f. Country open and cultivated, cross the Ambad, Pili and Megha river; and several nalas, unbridged.
		164 m. 6 f.	A large village on the bank of the Megha river, bed dry in summer. <i>Camping Ground</i> —To the N. <i>Water</i> —From many good wells. <i>Supplies</i> —Weekly bazar Saturday.
		16	TARODA. —12 m. Road unmetalled. Soil black, cross the Purna river, and several nalas, unbridged.
		176 m. 6 f.	<i>Camping Ground</i> —An open space available. <i>Water</i> —From wells. <i>Supplies</i> —Must be obtained from surrounding villages.
		17	MORSI. —12 m 7 f. Black soil Cross 1 nala, unbridged, vid Nagarvadi, and 6 nalas, unbridged, vid Kolvihir, but the latter road is a good one. A large village.
		189 m. 5 f.	Route No. 7 crosses here. <i>Camping Ground</i> —Yes. <i>Water</i> —Plentiful. <i>Supplies</i> —Must be obtained from surrounding villages.

AUTHORITIES		No of stages and total distance.	ROUTE No. 2.	
Civil.	Military.			
DEPUTY COMMISSIONER OF AMRAOTI AMBAOTI GENERAL OFFICER COMMANDING, JERBULPUR, BRIGADE D. G. NAGPUR.		18	LONI.—13 m. 1 f. Unmetalled road, difficult in rains. Cross 11 nalas, unbridged.	
		202 m. 6 f.	Camping Ground.—Small and good. Water.—Ample. Supplies.—As above.	
		19	RAJURA.—6 m. 7 f. Cross 3 nalas, unbridged. A small village.	
		203 m. 5 f.	Camping Ground.—Beside the river. Water.—Ample. Supplies.—A weekly bazar.	
		20	AMNER.—9 m. 5½ f. Unmetalled road. Cross 10 nalas, unbridged.	
		219 m. 2½ f.	Small village. Camping Ground.—Good. Water.—Ample. Supplies.—Must be obtained from surrounding villages.	
		21	KATOL.—15 m 7½ f. Road impossible for carts during the rains. Railway under construction.	
		235 m. 2 f.	At 1 m. Wardha river unbridged, stony bottom, fordable except when in flood; also cross 2 smaller rivers with gravel bottoms, and numerous nalas, all unbridged.	

AUTHORITIES.

Civil.

Milit-
tary.No
of
stage
and
total
distance.

ROUTE No. 2.

DEPUTY COMMISSIONER OF NAGPUR, NAGPUR.

GENERAL OFFICER COMMANDING, JUBBULTUR BRIGADE.

At $1\frac{1}{2}$ m. Julalkharia (population 2,400)
at $6\frac{1}{2}$ m. Rohna, at $9\frac{1}{2}$ m. Parudsinga (po-
pulation 3,000).

Katol is a cotton centre with ginning mills
(population 9,000).

Camping Ground.—For two battalions, near
Tehsildar's court.

Water—Wells, one large one near C. G.

Supplies—Plentiful; market Tuesdays.

The Itarsi-Nagpur Railway (under construc-
tion) runs parallel to road from here to
Nagpur.

22

DORLEE—12m 7/. Cross 3 unbridged nals
d. (bridges proposed).
Road metalled and

248 m.
1 /.

good.

At $8\frac{1}{2}$ m. Mat-Panjra

A village (population 1,300)

Camping Ground—1 m S W. of village along
Kutchra road

Water—Wells

Supplies.—Must be obtained from surrounding
villages.

23

KALMESHWAR.—8m 4/ Cross one un-
b, p o., f. s, r. s. bridged nala (bridge
proposed) Road metal-

256 m.
5 /.

led and good (railway under construc-
tion).

A large village (population 5,000).

Camping Ground— $1\frac{1}{2}$ m. short of Kalmeshwar
for one battalion; other open ground between
this and village, but water very scarce.

AUTHORITIES		No of stages and total distance.	ROUTE No. 2.	
Civil	Military			
DEPUTY COMMISSIONER OF NAGPUR; NAGPUR. GENERAL OFFICER COMMANDING, SUBDIVISION BRIGADE.			<p>Water.—Scarce, from wells one near C. G.</p> <p>Supplies.—From village; market Sundays.</p>	
		24	<p>NAGPUR—12m. 3½f. At 1½ m. Kalmeshwar b, p.o., t s, r s village A large city, headquarters of district</p>	
		269 m ½ f.	<p>and a large railway junction; a wireless station at Sitabaldi Fort.</p> <p>Camping Ground.—Government ground for one infantry brigade near Government House; other open ground near.</p> <p>Water.—Pipe supply.</p> <p>Supplies.—Plentiful.</p> <p>On routes VI and VII.</p>	
		25	<p>KAMPTEE.—9m 6½f. A large town and can- b, p.o., t s, r.s. tonment.</p>	
		278 m 7 f.	<p>Camping Ground.—For one Infantry Brigade at E. end of cantonment.</p> <p>Supplies.—Plentiful</p>	

Route No. 3.

FROM BASIM TO PULGAON OR BORGAON.

Length 96 m. 5 f.

10 marches:

Authority and date (month and year).—General Officer Commanding, 9th (Secunderabad) Division, June 1910.

Epitome.—Direction N.-E. This road is a fair-weather track; in some places, very stony and rough though fairly passable throughout in dry season.

AUTHORITIES		No. of stage and total distance	ROUTE No. 3.
Civil	Military		
DEPUTY COMMISSIONER OF AKOLA, AKOLA.	GENERAL OFFICER COMMANDING, JUBBULPUR BRIGADE.		BASIM.— <i>Vide</i> Main Route No. III, stage No. I. d, p.o, t.a.
		1	KONDALA.—4m. 4f
		4 m. 4 f.	Camping Ground—N and E. of village. Water—Plentiful Supplies—From Basim.
		2	KINHI—12m 3f. Cross several 'nalas' un- d. bridged, and a hill.
		16 m. 7 f.	Camping Ground—W. of village Water—From tanks and wells Supplies.—
		3	TARALA.—9m. 5f. At about 5 m. pass Sela where many roads branch off. Cross 4
		28m. 4 f.	nala, unbridged.
		4	WAHI—6 m. 4f. Cross a nala, unbridged.
		33m.	

ATTORITIES.		No. of stage and total distance.	ROUTE No. 3.	
Civil	Military			
DEPUTY COMMISSIONER OF AKOLA, AKOLA.	GENERAL OFFICER COMMANDING, JUBBULPUR BRIGADE.	5	KARANJA.—8m. 6/. <i>vide</i> Main Route No. VII, stage No. 12.	
		41 m. 6/.		
		6	VEEDONA.—10m Road bad and difficult in the rainy season Cross 2 nalas, unbridged.	
		51 m. 6/.	Camping Ground — Water —Abundant. Supplies —From neighbouring villages.	
		7	MANAGRUL.—11m. 4/. Road unmetalled. Cross numerous streams unbridged.	
		53 m. 2/.	Camping Ground.—High, dry and open. Water.—Good, from river. Supplies.—From neighbouring villages.	
		8	DAMAK.—0m. 7/. Road unmetalled. Cross Sukli river and several nalas, unbridged.	
		73m. 1/.	A fair-sized village Route No 5 joins here Camping Ground.—Good to N. Water —In small quantities from wells; also from Bembra river. Supplies.—From neighbouring villages.	
		9	TALEGAON.—11 m. 1/. Road unmetalled, Cross the Bembra, Kholad and Marigri rivers which are easy to cross in the dry season, and numerous nalas, unbridged.	
		84 m. 2/.		

AUTHORITIES		No. of stage and total distance	ROUTE No. 3.
Civil	Military		
D.O. OF WARDHA, WARDHA.	D. C. OF AMBAOTI, AMBAOTI.		<p>A large village. <i>Camping Ground</i>.—Good, $\frac{1}{2}$ m. to N. beyond nala <i>Water</i>—From wells. <i>Supplies</i>—From neighbouring villages</p>
		10	<p>PULGAON or BORGAON—12m 3f. Soil p-o, l-s, r-s. black. The Wardha river is about 220 yds. wide with steep banks and a muddy bed. Cross the Chandrabagha river and 7 nalas, unbided Very small village <i>Camping Ground</i>—Good. <i>Water</i>—Abundant <i>Supplies</i>—Abundant if special arrangements are made</p>
	G. O. C, JUBBULPUR BRIGADE.	96m 5f.	

Route No. 4.

WUN TO ELLICHPUR.

Length 184 m. 5 f.

16 marches.

Authority and date (month and year).—Wun to Murtazapur.

Lieutenant C. C. Tee, Royal Irish Fusiliers, November 1913.

Exposé.—General direction W. by N. to Darwa, N. by W. to Murtazapur and thence due N. The road as far as Murtazapur is a P. W. D. road in fair repair, metalled for the most part and passable for wheeled transport and motors, though portions would be difficult in the rains. There are for the most part trees on either sides of the road, but no fences or ditches. As far as Murtazapur camping grounds are usually large enough for a brigade, water is plentiful in the cold weather and generally sufficient in the hot. Fuel is scarce except round Yeotmal and previous notice should be given, both fuel and grass can be obtained from forest officers. The chief crops are jowari and cotton. Jowari is plentiful and there are large number of cattle and goats. The country is flat except round Yeotmal.

From Murtazapur the road is a fair weather track while water is scarce in the hot weather, the wells being brackish as a rule.

ATTRIBUTES		No of stages and total distance	ROUTE No. 4.
Civil	Military		
D H OF YEOTMAL.	G O C JUBBULPUR BRIGADE		<p>WUN—The headquarters of Wun taluka <i>h p o l a</i> a town of 6,000 inhabitants with a missionary bungalow and large Serai. Market on Sundays.</p> <p>Camping Ground—N W of town.</p> <p>Water—2 good wells on C G several in town.</p> <p>Supplies—A large perennial tank S. E. of town.</p> <p>Supply—Rations for Indian regiment for 3 days, a week's notice necessary for large</p>

AUTHORITIES.		No. of stage and total distance.	ROUTE No. 4.
Civil	Military.		
DEPUTY COMMISSIONER OF YEOTMAL. GENERAL OFFICER COMMANDING, JUBBULPUR BRIGADE			quantities and also for fuel and forage. On Main Route VI.
		1	MAREGAON. —11m 7½. Road metalled, in most parts surface very loose. Surrounding country slightly undulating and cultivated. At 2 m. nala with stone bridge; at 6½ m. Nimbora village, water brackish; at 7m. country more hilly and wooded; at 8½ m. road in very bad repair and unmetalled for 3 m; at 10 m. small village <i>Camping Ground</i> —For one brigade. <i>Water</i> .—One large good well near C. G. 3 in village. <i>Supplies</i> .—Without notice 2 mds grain, 20 goats and 150 cattle; fuel 100 mds at a week's notice, grazing fair One bungalow's shop
		11 m. 7½.	
		2	KARINJA —13m Metalled road in fair repair, easy up gradient from m. 3 to m. 4, down gradient remainder of stage. Country chiefly hilly, wooded and rocky, little cultivation except at beginning of stage. Several culverts and Irish bridges <i>Camping Ground</i> —On high ground (rocky) round b. <i>Water</i> .—2 wells near village, 1½ m. from C. G. <i>Supplies</i> —2 mds grain without notice; 40 mds. fire wood; no grass or bhussa, camel grazing only. A short cut by cart track from here to Runjha saves 4 m.
		24 m. 7½	

ACTIVITIES

CIVIL MILITARY

No
of
stages
and
total
distance

ROUTE No. 4.

DEPUTY COMMISSIONER OF YETMAL

GENERAL OFFICER COMMANDING, JUBILPUR BRIGADE

3

23 m.
5/.

RUNJAH—13m. 0/ Metalled road in good repair, direction W. by S. then N.-N.-W.; several Irish bridges. Country undulating hilly and rocky with little cultivation. At 3 m. small village; at 7 m. Omri from where a private tonga service runs to Yetmal, (a p. and t. s. 8 m. S. along Kehlupur metalled road). At 7 m. single telegraph wire joins road from S; at 12½ m. small village, at 13½ m. steep approaches to both sides of Irish bridge.

Camping Ground—Room for brigade if they camp by units; ground near b, village and river

Water.—Two wells near b, water in river perennial.

Supplies—Up to 30 mds. grain and rice can be obtained at market (Fridays), 100 goats and 150 cattle. Fuel 50 mds. at a week's notice. Dhooa from January to June, camel grazing

4

80 m.
2/.

JORMOHA—17m. 5/ Metalled road in very good repair, hilly, but not very steep gradients. Country for last eight m. very hilly with jungle and forest; ground stony and not much cultivation. At 3½ m. Noda village with 4 wells; at 9½ m. Pardi.

Camping Ground—Poor, for one brigade N. W. of village, requires clearing

Water.—6 wells and 1' of water in well in cold weather, in hot weather one well only.

Supplies—At a week's notice 15 mds. grain.

AUTHORITIES.		No of stage and total distance.	ROUTE No. 4.
Civil.	Military		
DEPUTY COMMISSIONER OF YEOTMAL. GENERAL OFFICER COMMANDING, JUBBULPUR BRIGADE			5 mds rice, 40 mds firewood, and 20 mds fodder.
		5	YEOTMAL.—12m. 4f. Metalled road, in bad repair for 1st 4m. up gradient nearly all the way. Country stony, hilly and jungle-clad, with cultivation in valleys. At 3 m. Yerad, at 4 m. very kutcha Irish bridge and road in very bad repair; at 6½ m. Talagno. Yeotmal has a population of 10,000; Headquarters of district with hospital and jail. <i>Camping Ground.</i> —Space for one division in and around the town. <i>Water.</i> —Abundant throughout the year. <i>Supplies</i> —Any quantity at 3 weeks' notice. <i>Transport</i> —Tongas, camels and donkeys available.
		68m. 6 f.	Cross Route ■ here.
		6	LARKHED.—16m. 6f. Metalled road in very good repair; gradual ascent for 4 m., then
		25m. 4 f.	of road; space requires clearing. <i>Water.</i> —Several perennial wells.

AUTHORITIES		No. of stage and total distance.	ROUTE No. 4.
Ordn.	Milit. tary.		
DEPUTY COMMISSIONER OF NIOOTMAI. GENERAL OFFICER COMMANDING, JUBBILPUR PRIGADE			<p><i>Supplies</i>.—At one week's notice, 210 cattle, 10 goats, 9 mds grain, 40 mds. fuel; fodder from forest officer.</p>
		7	<p>DARWHA—10m. 3f. Metalled road in good b., p-o, r.s. repair descends gradually 4 m. through open flat country, rises 4m and then descends 2 m into fertile valley</p> <p>At 3½ m. steep descent through. Born to Aran river (Irish bridge dry season, ferry boat capacity 30 men in rains) At 7 m. small village.</p> <p>Darwha is the Headquarters of the taluka, and has a mission house. Population 5,000.</p> <p><i>Camping Ground</i>.—East near bungalows, for a brigade</p> <p><i>Water</i>—From wells, scarce except in rains.</p> <p><i>Supplies</i>.—On three weeks' notice.</p>
		95m. 7f.	
		8	<p>SAVUNGI (RIVER) 13m Road partly metalled, in very bad repair. Ascends 5 m. and then descends rest of stage</p> <p>At 3½ m Moholi, at 8 m. Chikri; at 9 m. Mancobra, at 11½ m. two sugar-loaf hills; at 13 m River Aran, unbridged (ferry boat in rains)</p> <p><i>Camping Ground</i>.—For one brigade along river</p>
		108m. 7f.	

notice.

AUTHORITIES		No of stage and total distance	ROUTE No. 4.
Civil	Military.		
DEPUTY COMMISSIONER YEOTINGA. GENERAL OFFICER COMMANDING, JUBBULPUR BRIGADE.		9	<p>KARANJA.—10m. 3 f. Road except last 2 m. very bad; ascends 5m from Aran valley, remainder descent. Surrounding country undulating and open.</p> <p>At 2½ m. unbridged nala with very bad approaches.</p> <p>Karanja is surrounded, except on the E. and N.-E., by a stony ridge 100' high with ruined forts.</p> <p><i>Camping Ground</i>—For two brigades S. of town, and two brigades N.-W. of town high and stony ground</p> <p><i>Water</i>—Two large tanks and 60 wells.</p> <p><i>Supplies.</i>—At a week's notice.</p>
		119 m. 2 f.	
		10	
		132 m. 3 f.	
		11	<p>UMRI.—13m. 1 f. Road metalled and in good repair; surrounding country flat, open and cultivated</p> <p>At 8½ m Kherada (b).</p> <p><i>Camping Ground.</i>—On river bank, for one brigade, requires clearing</p> <p><i>Water.</i>—12 wells, perennial.</p> <p><i>Supplies.</i>—At a week's notice.</p>
		139 m. 5 f.	
			<p>MURTAZAPUR.—7m 2 f Metalled road in very good condition. Surrounding country flat, open and cultivated.</p> <p><i>Water.</i>—Abundant from wells.</p>

ACTIVITIES.		No of stage and total distance.	ROUTE No. 4.
Off.	Sub.		
DEPUTY COMMISSIONER OF AKOLA, AKOLA. GENERAL OFFICER COMMANDING, JUBHILIM BRIGADES. AMBAOTI, P. C. OF AMBAOTI.			<i>Supplies.</i> —Large quantities of grain, fuel and cattle; fodder on notice to Forest Officer.
		12	LAKPURI. —8m. Cross the Purna river, and some <i>nalas</i> , unbridged.
		147m. 5/.	<i>Camping Ground.</i> —Nil. <i>Water.</i> —Nil. <i>Supplies.</i> —Obtainable.
		13	DARYAPUR. —7m. A large place; Headquarters of the sub-district.
		154 m. 5/.	<i>Camping Ground.</i> — <i>Water.</i> —From river. <i>Supplies.</i> —Abundant.
		14	KAPUSTALNI —13 m Cross the Chandra-bagha river, and some <i>nalas</i> , unbridged
		167 m. 5/.	
		15	SURWADA —12 m A fair-weather track. Cross several <i>nalas</i> , unbridged.
		179 m. 5/.	A small village on the banks of the Chandra-bagha <i>Camping Ground</i> —To the S <i>Water</i> —From river. <i>Supplies</i> —
		16	ELLICHPUR —5 m Vide Route No 11 Stage <i>b, p o, l s</i> No. 14. Cross the Chandra-bagha and
		184 m. 5/.	Sapun rivers, unbridged Routes, 2, 4, 5 and 11 meet here.

Route No. 5.

FROM DHAMOK TO ELLICHPUR.

Length 62 m. 1 f.

6 ma ches.

Authority and date (month and year).—General Officer Commanding, 9th (Secunderabad) Division, June 1910.

Epitome.—Direction N.-N.-W. As far as Badnera the road is merely a fair-weather track impracticable for carts in wet weather, thence it is a good road, metalled in parts

AUTHORITIES.		No. of stage and total distance.	Route No. 5.
Civil	Military		
D. C. OF AMRAOTI, AMRAOTI.	G. O. C, JUBBULPUR BRIGADE		DHAMOK —Vide Route No 3, stage No 8. The road from here to Nandgaon Kazi is via Wagoda and Phaggaoon
		1	NANDGAON KAZI —10 m Cross a river, p o unbridged.
		10 m	Camping Ground—Good Water—Scarce Supplies—From neighbouring villages.
		2	BADNERA. —14 m 3 f. Road good but b., p o, l s, r s not metalled. A fair sized village
		24 m 3 f.	Route No. VII joins here Camping Ground—Good. Water—On camping ground. Supplier.—Procurable

ACTORITIES		No. of stage and total distance	ROUTE No. 5.	
Civ.	Military.			
DEPUTY COMMISSIONER OF AMRAOTI AMRAOTI GENERAL OFFICER COMMANDING, JUDHETI'S BRIGADE.		3	AMRAOTI—6 m Vide Main Route No VII, b, p o, t s, r s , stage No 15	
		30 m. 3 /		
		4	BALGAON—6 m 2 f. Road metalled. A fair-sized village.	
		33 m 5 /	Camping Ground—Ground Water.— Supplies. } Ample.	
		5	ASEGAON.—11 m. 4 /—A small village. b, p o.	
		49 m 1 /	Camping Ground—To S.W. Water—Well Supplies—A weekly bazar on Wednesdays	
		6	ELlichPUR.—14 m A large city Head. b, p o, t s. quarters of the district. Road metalled. Cross	
		62 m. 1 /	T Parna and Pili rivers, unbridged Route No 4 ends here and routes 2, 12 and 13 meet here	

Route No. 6.

FROM UNARKHED TO BASIM.

Length 59 m. 4 f.

6 marches.

Authority and date (month and year).—Captain R. Hill, 2nd Cheshire Regiment, 1913.

Epitome.—General direction N.-W. This is a Public Works Department road, metalled, and fit for motors and wheeled transport throughout. Water and supplies very scarce.

AUTHORITIES.		No of stages and total distance.	ROUTE No. 6.
Civil.	Military.		
DEPUTY COMMISSIONER OF YEOTMAL.	GENERAL OFFICER COMMANDING, JUBBULPUR BRIGADE.		UNARKHED.—From Sholapur in Vith b., p o, t. n. (Poona) Division and Route 64 of IXth (Secunderabad) Division. (See Volume IX of 1912)
		1	PADRI.—12 m. Road in fair condition; country open, black cotton soil. At 5½ m. Kupti, and 8 m. Wanagaon. A small village. Camping Ground.—Unlimited open space. Water.—Two wells only; water scarce in hot weather. Supplies.—Nil; fuel nil. Supplies can be obtained from Mulao 1½ m. S.-W.
		20 m. 4 f.	2 SAORGAON.—8 m. 4 f. Road in good repair; country open; black cotton soil. A small village.

ROUTE No. 6.

Camping Ground.—Unlimited open space ; ground stony.

Water.—One well only, at Amdari 2 m. S. of Soargaon.

Supplies.—About 50 head of cattle, otherwise nil.

3

31 m.

KANDALA.—10 m. 4 f. Road in fair repair. b. Country open, black cotton soil. 3 nalas,

unbridged.

A small village. Bungalow (Public Works Department) 1 m. W. of village.

Camping Ground.—Unlimited open space.

Water.—2 wells only, enough for local use in hot weather.

Supplies.—About 50 head of cattle. Fuel, unlimited from forest. Fodder obtainable from Pusa.

4

39 m.
4 f.

MARWARI.—8 m. 4 f. Road in good repair. b. Cross 4 large nalas, 2

bridged and 2 with road

A small village

small

Supplies.—About 70 head of cattle ; unlimited fuel ; fodder for local use only.

About 2 m. from Marvadi there are two villages Rohode and Belur from which supplies can be obtained.

AUTHORITIES.		No of stage and total distance
Civil	Military	

ROUTE No. 6.

D. C. OF YEOTMAL, YEOTMAL

Q B C. JOBBULPUR BRIGADE

5

48 m.
4 f.

PIMPALGAON.—9 m. Road in good repair.
b, p. o. Country open; soil
black cotton.
Camping Ground.—Unhaunted.
Water.—10 wells.
Supplies—Nil Notice must be given.

6

59 m
4 f.

BASIM—11 m. Road in good repair. Count-
b, p. o, t a. try open; soil black
cotton. Road descends
gradually
Camping Ground.—About 48 acres N. of town;
also to S.-W.
Water—About 300 wells altogether.
Supplies.—Nil
On route III (stage 1) and route VII (stage 8).
To Mhow 23 marches, and Nagpur 17 marches

Route No. 7.

FROM NANDGAON PETH TO SENDURJANA.

Length 49 m. 2 f.

4 marches.

Authority and date (month and year).—General Officer Commanding, 9th (Secunderabad) Division, June 1910.

Epitome.—Direction N.-E This road is metalled and bridged.

AUTHORITIES,		No of stage and total distance	ROUTE No. 7.
Civil	Military		
DEPUTY COMMISSIONER OF AMRAOTI, AMRAOTI	GENERAL OFFICER COMMANDING, JUBBULPUR BRIGADE		NANDGAON PETH— <i>Vide</i> main Route No. b. p. o. VII, stage 16.
		1	AWARKHED—14 m Road metalled. Soil black.
		14 m	Small village. Camping Ground.—Good and shady. Water.—Plentiful from well. Supplies.—Ample from surrounding villages.
		2	MORSI—11 m. 4 f. <i>Vide</i> Route No. 2, stage b., p. o., t. a. 17.
		25 m. 4 f.	
		3	BENODA—14 m 2 f. Road metalled. Cross 1 river and 2 streams unbridged.
		39 m. 6 f.	Fair-sized village. Camping Ground.—Good Water.—Ample and good from wells. Supplies.—Obtainable from surrounding villages.

AUTHORITIES.

Civil.

Military.

No.
of
stage
and
total
distance.

ROUTE No. 7.

D. C. OF AMBAOTI,
AMBAOTI.G. O. C JOBBULPUR
BRIGADE

4

49 m.
2 f.SENDURJANA.—9 m. 4 f. Road metalled
p o.Cross 5 nalas and 2
streams, unbridged.

Very large village.

Camping Ground.—Good.

Water.—Plentiful from wells.

Supplies.—Weekly bazar.

To Multai on route 29, 20 miles by made road.

Route No. 8.

FROM DHAMANGAON TO KELAPUR.

Length 69 m. 7 f.

5 marches.

Authority and date (month and year).—Captain A.M. Hennel,
32nd Lancers, March 1912.

Epitome.—General direction, S to Yeotmal then S.-E. Road metalled throughout, in bad repair in last 2 stages; native passable except for a few hours after heavy rain. Country hilly, with patches of dense forest. Supplies and water obtainable throughout.

AUTHORITIES.		No of stage and total distance	ROUTE No. 8.
Civil.	Military.		
DEPUTY COMMISSIONER, YEOTMAL.	GOC JUBBULPUR BRIGADE		<p>DHAMANGAON.— On the Bhusawal- b., p. o., t. s., r. s. Nagpur branch of the Great Indian Peninsula Railway 80 miles from Nagpur Camping Ground —For one brigade Water —Amph., 3 or 4 wells, one with trough. Supplies —For a brigade for 2 days.</p>
		1	<p>PALOTI —12 m 7 f Country open and culti- b vated, road metalled and bridged. At 4 m. Aasagaon, at 7 m 6 f Ikogan Camping Ground —For infantry brigade near Imrahalow. Water —One well, also good from Dhelma river ($\frac{1}{4}$ m further on) Supplies —Nil, on notice only</p>
		2	<p>YEOTMAL —15 m. Country open for 10 m. b, p, o, t, s then hilly and jungly. Road metalled, Dhel- ma river unbridged 300 yds to 400 yds broad water 2' to 4' deep</p>
		27 m. 7 f.	

AUTHORITIES.

Civil

Military.

No.
of
stage
and
total
distance.

ROUTE No. 8.

Pass Nandura 1½ m, Untagaon 5 m., Chinnabaghpur 7 m, Kurdgaon 9 m. and Maura 13 m. (good well)

3

40 m.
7 f.

JODMOHA.—13 m. Country, cultivated undulating, plateau with a few small hills; cultivation chiefly cotton.

Road metalled and bridged.

At 3 m. Parwa; at 5½ m. Tulegaon; at 7 m. Khangaon; at 9½ m. Yerad.

Camping Ground.—For Infantry brigade on N. E. of road.

Water.—Two good wells in village, water for animals from nala up to December or January.

Supplies.—On notice. Grazing for camels and cattle.

4

57 m.
3 f.

RUNJA.—16 m. 4 f. Country hilly, jungle dense for first 8 miles, then thinner. Road

in bad repair, nala chiefly crossed by causeways. At 6½ m. Pardi, at 11 m. Kanara, 14 m. Pipla bundia ½ m. S.-W.

Camping Ground.—S.-W. of road 220 yds. short of village.

Water.—Good and ample from Kuni river and several wells in village.

Supplies.—As in last stage, but grazing further away.

Route No. 4 leaves here.

DEPUTY COMMISSIONER, YEOTMAL.

GENERAL OFFICER COMMANDING, JUBBULPUR BRIGADE.

AUTHORITIES.		No. of stage and total distance.	ROUTE No. 8.
Civil	Military		
DEPUTY COMMISSIONER, YEOTMAL.	G O C, JUBBULPUR BRIGADE	5	PANDHAKKEORA. 12 m. 4/. This is 2 miles short of Kelapur, which is only a small village, but gives its name to the district. Country undulating and jungly, hilly in places. Road in bad repair from 6 m. 4 f onwards, nala chiefly crossed by causeways. At 2 m., Patri; at 4½ m. Saikar; at 6½ m. Umbri; at 8 m. Tanda; at 9 m. Kanghara and 10 m. Pipari. At Umbri road to Wun branches off to E. <i>Camping Ground.</i> —For Infantry brigade. <i>Water</i> —Two good wells in bungalow compound. <i>Supplies</i> —Ample if due notice is given, otherwise one brigade for two days.
		69 m. 7/.	

ROUTE No. 10.

FROM JUBBULPUR TO BIRSINGPUR (PALI).

Length 114 m. 5 f.

8 marches.

Authority and date (month and year).—Lieutenant E. H. Pease-Watkin, R. F. A., January 1913.

Epitome.—General direction E to Shahpura, thence S-E to Shahpur, thence N. to Birsingpur. Road metalled to Kundam (29½ m.) thence to Pali unmetalled; suitable for all arms in dry weather. All rivers are crossed by Irish bridges. The Johulla river 2½ m. from Birsingpur would be impassable after heavy rains. The road runs through black cotton country, which becomes hilly and jungly as Birsingpur is approached.

AUTHORITIES		No. of marches and total distance	ROUTE No. 10.
Civil	Military		
DEPUTY COMMISSIONER, JUBBULPUR.	G. O. ■ JUBBULPUR BRIGADE		JUBBULPUR On main routes VI and XII. <i>b. p o, t a, r. a.</i>
		1	PADARIA —15 m. 2 f. Road metalled and bridged.
		15 m. 2 f.	At 4 m tank ½ m. N, at 6 m. Gokalpur, at 7 m. large tank N of road, at 14 m. Birsingpur. Camping Ground—Unlimited. Water—One good well (perennial), one small tank (dry in hot weather). Supplies.—On notice. No fuel or fodder stacked, but plenty available close by, also camel grazing. 20 head of cattle.
		2	KUNDAM.—13 m. 2 f. Road metalled and undulating; country alternate stretches of jungle and cultivation. At 0 m. 4 f. Baragi to right.
		28 m. 4 f.	

DISTANCES

M. L.
M. L.
M. L.No.
of
miles
and
total
distance.

ROUTE No. 10.

At 12 m 6 f. Nagdipal 1 m to left.
Camping Ground—On right of road, unlimited

Water—Large tank right of road, also 3 good wells.

Supplies—On notice. Camel grazing available 700 head of cattle.

3

11 m.
5 f.

SALWARA—13 m 1 f. Road bad and would be very difficult in rain; Irish bridges in bad repair.

At 3 m 4 f. small villages on either side of road. At 6 m. descent to Mahanudeo, with difficult ascent to the far side.

Camping Ground.—Ample space available.

Water.—2 wells near Public Works Department bungalow, 2 wells at Salwa, 1 m. left of road.

Supplies—On notice. Small supply of grass available in cold weather. Camel grazing.

4

54 m.
1 f.

SHAH PURA.—12 m. 4 f. Road in poor condition and hilly. Country very hilly and intersected with deep naals.

tank $\frac{1}{2}$ m N.E. of C. V.

Supplies—On notice. Camel grazing available several hundred head of cattle.

MARKET ON MONDAYS.

DEPUTY COMMISSIONER OF JUDHUPUR

GENERAL OFFICER COMMANDING JUDHUPUR BRIGADE.

ROUTE No. 10.

AUTHORITIES.		No of stage and total distance.	
Civ. D.	Milit. tary		
DEPUTY COMMISSIONER, MANDLA. GENERAL OFFICER COMMANDING, JUBBULPUR BRIGADE.		5	DONGURIA —12 m. 7 f. Road better than b. before but very hilly. Country dense jungle, relieved by open patches of cultivation.
		67 m.	At 2 m. 7 f. Karondi, to right. At 3 m. 3 f. Baragaon village and Salgi nala. At 11 m. 7 f. small tank dry in hot weather. <i>Camping Ground</i> .—Many acres of stony ground available. <i>Water</i> .—One good but small well near Public Works Department bungalow. <i>Supplies</i> —On notice. Unlimited grass in surrounding country in cold weather; also camel grazing.
		6	SHAH PUR —13 m. 7 f. Road as above. All b, p. o. nals small except the Kans 9 m. 6 f. 60 yds. broad.
		80 m. 7 f.	<i>Camping Ground</i> .—1½ acres in mango tops, but plenty of other ground available. <i>Water</i> .—One well on camping ground, one near Public Works Department bungalow; a tank (medium size) near bungalow. <i>Supplies</i> —On notice.
		7	BHATONDA .—17 m. 5 f. Road hilly and trying for wheeled transport.
		98 m. 4 f.	At 4 m. 2 f. Chatia; at 9 m. 2 fr. Ajhuar village cattle. MARKET ON TUESDAYS.

ROUTE No. 11.

FROM DAMOH to REWAH *via* GONoor AND NAGODE.

Length 146 m. 2 f.

13 marches.

Authority and date (month and year).—General Officer Commanding, Jubbulpur Brigade, January 1913.

General direction E-N.-E.

Epitome—Road from Damoh to Binteo (26 miles) 15' wide, metalled and bridged, fit for motors and wheeled transport; thence to Puraina (23 miles) unmetalled; passable for all arms. Puraina to 3 m. N.-W. of Nagode (27 miles) is a fair-weather cart track, intersected with *nalas* and practically impassable for wheeled traffic in the rains; thence to Rowah and 18' wide metalled and bridged road.

The country as far as Gonoor is flat; thence to Rowah undulating. The Biarna river in stage 5 and the Cane in stage 6 have to be forded; in the rains they are crossed by ferry boats, but the boat on the Biarna is incapable of taking carts.

Camping ground and water are ample for a brigade and supplies for a brigade can be collected on notice being given, usually a month being required.

AUTHORITIES		No of stage and total distance	ROUTE No. 11.
Civil	Military		
D. C. DAMOH	G. O. C. JUBBULPUR BRIGADE.		<p>DAMOH—Headquarters of a civil district <i>b., p.-o., t.-s., r.-s.,</i> on the Inda Katni branch of the Great Indian Peninsula Railway.</p> <p><i>Camping Ground.</i>—W of city N of Saugor road.</p> <p><i>Water.</i>—On well on camping ground several</p> <p>.. ..</p>
			Route 11 and 12 cross the Inda Katni branch

ROUTES.		No of stage and total distance.	ROUTE No. 11.
	MILITARY.		
GENERAL OFFICER COMMANDING, JUBBULPUR BRIGADE.		1	<p>BANGAON.—13 m. At 11 m. old road to Hatta branches to left and runs parallel to present road and about 1 m. W. It is an unmetalled bridged road and not used now. At 9 m. Pala.</p> <p>Country is open and cultivated.</p> <p><i>Camping Ground</i>—On old road to Hatta, 800 yds. N. of Bangaon; also at 13 m. on new road.</p> <p><i>Water</i>—One well at 13 m. tank at 13 m. 1 f. well on old road 500 yds N. of Bangaon, and the Kopra river 1,400 yds' W. of road.</p> <p><i>Supplies</i>.—A month's notice required.</p>
		13 m.	
		2	<p>HATTA.—10 m. At 5 m. Loo Haree, at 9 m. b., p-o, l.-s. 6 f cross nala by stone bridge.</p> <p>Population about 3,000</p> <p><i>Camping Ground</i>—500 yds. E. of road at 23 M. S. (from Damoh).</p> <p><i>Water</i>.—A well on camping ground and a tank, dry in hot weather The Sumar river (unfordable banks steep) runs W. of Sumar; one ferry boat, capacity 10 men</p> <p><i>Supplies</i>—About 2 dozen goats, grass for ½ squadron, atta and rice for a double company, and country vegetables available. A fortnight's notice required for a brigade.</p>
		23 m.	
		3	<p>HINOTA.—10 m. 5 f. Road unmetalled after Binteo (3 m).</p> <p>At 5. m. 8 f Hurdooa</p> <p>at 7 m. Ghooturia, tanks at 3, 6, and 8 m.</p>
		33 m 5 f.	

AUTHORITIES.

Civil

Military.

No
of
stage
and
total
distance.

ROUTE No. 11.

DEPUTY COMMISSIONER OF DAMOR.

GENERAL OFFICER COMMANDING, JUBBULPUR BRIGADE.

4

40 m.
4 f.

country undulating and covered with low scrub jungle.

Camping Ground.—S. of road at 10 m. 5 f.*Water*.—Several wells in village 300 yds. N.E. of camping ground Two wells 500 yds. W camping ground ;*Supplies*.—Rations for one company but no cut fuel A month's notice for a brigade.**GYSABAD**.—0 m. 7 f. At 1 m. 2 wells; at 2 m. 6 f. Bunkhorrer at 6 m. 1 f. Gyzabad village.

Country undulating and covered with low scrub.

Camping Ground.—On both sides of road,*Water*.—From Bhurma river, 200 yds. E. of camping ground.*Supplies*.—20 mds. fuel, 2 mds. atta and 20 mds grain available

A fortnight's notice required for a brigade.

5

49 m.
6 f.**TIGRA**.—0 m. 2 f. At 3 f. cross Bhurma river by ford, precipitous banks 30' to40' high, stony bottom 200 yds. broad ; in rains one ferry boat takes 15 men or 25 mds. but not carts. Other fords are 1 m. N. at Karaia, one $\frac{1}{2}$ m. N. and $1\frac{1}{2}$ m. S. at Amghat, river otherwise unfordable At 5 m. Semaria (p.o.) with supplies for one battalion; at 7 m. 2 f. Tikla and tank.

Country low scrub jungle cultivated near villages.

Camping Ground.—N. of road on bank of Cane river.

HOSTILITIES.		No of stages and total distance	ROUTE No. 11.
PL	MILITARY		
			<p><i>Water</i>—From Cane river <i>Supplies</i>.—Fodder for 50 horses, otherwise and A month's notice required for a brigade.</p>
		6	<p>MAHEWA.—15 m. Road crosses Cane river by a ford stony bottom, 150 yds wide, banks 30' high and precipitous, in rains ferry boat take 51 men or 75 mds or one cart (empty) a ford 3 m. E. at Mahor has a similar ferry boats plying in the rains, there are several other fords, suitable for a cavalry and infantry At 2 m pass Puraina, between which and Bamoon, 6 m. 5 f the road is a mere cart-track in b.d condition At 10 m Tai Country flat and covered with low jungle, cultivated near villages At Mahewa is an old fort used as a police station <i>Camping Ground</i>—N-E of large tank N. of road not demarcated <i>Water</i>—From tanks and 2 wells on camping ground <i>Supplies</i>—Rations only for one company. One month's notice required for a brigade.</p>
		7	<p>CONOUR—9 m. Country open waste land, cultivated near villages. Road commanded by low hills to S-W. At 3½ m. Hinouti; at 5½ m. Jhumta <i>Camping Ground</i>.—N-E of village not demar- cated <i>Water</i>—2 tanks N. and S. of camping ground, 2 wells S-W and one 400 yds. N-E of camp- ing ground</p>
		64 m. 6 f.	
		73 m 6 f.	

AUTHORITIES		No. of stage and total distance.	ROUTE No. 11.
Civil	Military		
A. SUTNA.	POLITICAL AGENT, NOWGONG.	GENERAL OFFICER COMMANDING JHANSI BRIGADE	<p><i>Supplies.</i>—Fodder for 5 horses and rations for a company. One month's notice for a brigade.</p>
			<p>8</p> <p>GIRWARO—15 m. Low hills commanding road at 1 m. and 4 m. At 6 m. Lohar Gaon. From here road is stony and sandy crossing a succession of low hills about 1,500 yds. apart. Tanks at 7½ m. and 10 m. Country low scrub and waste land, cultivated near villages. <i>Camping Ground.</i>—In mango tope, 100 yds. S. of village, not demarcated. <i>Water.</i>—Two wells on camping ground and tank S. of camping ground. <i>Supplies.</i>—Nil, a month's notice required.</p>
			<p>9</p> <p>100 m. 6 f.</p> <p>NAGODE—12 m. At 4½ m. Simtri, at 6½ m. b. p. o. t. s. Marheo; at 9½ m. join Nowgong butra. main road Nagode is the capital of Nagode state. <i>Camping Ground</i>—N. of road in mango tope, not demarcated. <i>Water.</i>—2 wells on camping ground. <i>Supplies</i>—30 mds. cut firewood, 200 mds. grass, 10 mds. atta, 25 mds. grain, about 30 goats.</p>
			<p>10</p> <p>115 m. 2 f.</p> <p>SUTNA—14 m. 6 f. Road crosses 5 b. p. o. t. s. r. s. nalas or rivers by masonry bridges. At the Sutna river 5½ m. from Sutna there is a stone causeway 100 yds. above the bridge, not now used but in good condition A</p>

AUTHORITIES.		No. of stages and total distance.	ROUTE No. 11.
Civil	Military		
POLITICAL AGENT, RUTVA. GENERAL OFFICER COMMANDING, JUBBULPUR BRIGADE			<p>small civil station on the East Indian Railway with detachments of Indian Cavalry and Infantry from Jubbulpur, and of the Maharajah of Rewah's cavalry.</p> <p><i>Camping Ground.</i>—1 m. short of Sutna N. of road.</p> <p><i>Water.</i>—Well on camping ground and another in police lines, 200 yds. N.-E. of camping ground.</p> <p><i>Supplies.</i>—20 mds firewood, 100 mds grass, 20 mds. atta, 40 mds grain, about 40 goats. Grazing in vicinity.</p>
		11	<p>MADHOGARH—5 m. 5 f. At 1½ m. ridge p-o commanding road on both sides At 5 m.</p>
		120 m. 7 f	<p>2 f. Tons river, 100 yds wide, crossed by a stone causeway; in rains 2 ferry boats, capacity 50 men or 1 cart; old fort on right bank.</p> <p><i>Camping Ground</i>—200 yds S. of road in mango tope</p> <p><i>Water</i>—One well on camping ground, two 200 yds N, also Tons river 400 yds. W.</p> <p><i>Supplies</i>—20 mds firewood, 10 mds. grass; rations for a double-company.</p>
		12	<p>RAMPUR—10 m. 5 f. At 4 m 1 f. Durjampur, where a 7 span masonry bridge, commanded by old fort in village, crosses nala. At 10 m. Rampur bungalow At 10 m. 2 f. Near nala with 5 spans masonry bridge.</p> <p><i>Camping Ground</i>—N. of road at 10 m. 5 f. also a mango tope E. of bungalow, space for 2 battalions</p>
		131 m. 4 f	

AUTHORITIES

Civil

Military.

No
of
stage
and
total
distance

ROUTE No. 11.

POLITICAL AGENT, SUTNA.

GENERAL OFFICER COMMANDING JUBBULTUR BRIGADE.

13

146 m.
2 f.

Water.—Well 400 yds. W of camping ground also in bungalow compound and from Noar.
Supplies.—25 mds. firewood and rations for double-company, otherwise notice required

REWAH—14 m 6 f. At 2½ m. tank, at 6½ m. b., 7.-0., 1.-8. metalled road from Meyhere joins; at 7½ m. Bela; at 8 m. metalled road to Govindgarh; at 11 m. Chorhatter, at 15 m cross Pegur river by a stone causeway 18' by 3' above river bed, in rains by 3 boats, capacity 50 men and 3 smaller ones capacity 25 men; a similar crossing S of Rewah on Rewah, Govindgarh road. River is 100 yds. wide, muddy bottom but fordable in most places.

Country open and partly cultivated. Capital of Rewah State.

Camping Ground—At 14 m 6 f. N. of road.

Water.—One well 100 yds. W. of camping ground, one S of camping ground near road also Gogur river 200 yds E.

Supplies—40 mds. firewood, 150 mds. bhusa and grass, 25 mds. atta, 30 mds. grain, 55 sheep and goats, vegetables in cold weather, 15 day's notice required.

ROUTE No. 12.

FROM ELLICHPUR TO BETUL (BADNUR) *via* GUDGAON.

Length 69 m. 7 f.

7 marches.

Authority and date (month and year).—

Epitome.—General Direction N.-E.

ATTORNMENTS		No of stage and total distance	ROUTE No. 12.
Civil	Military		
DEPUTY COMMISSIONER, BETUL. GENERAL OFFICER COMMANDING, JUBBULTUR BRIGADE		1	ELLICHPUR— <i>vide</i> Route No. 2, stage 14. <i>l., p.-o., t.-s</i> Routes 2, 4 and 5 meet here.
		7 m.	KARASGAON—7 m. Country open and level Cross Maiga river and few nalas unbridged. Road bad, soil black. A large village with small stone fort. Camping Ground—Good and extensive. Water.—From nala. Supplies.—Abundant.
		2	CHIKLANA.—9 m. 4 f. Road bad, soil stony.
		16 m. 4 f.	Camping Ground—Good and sufficient. Water.—Good, from river. Supplies—Nil
		3	SAWAL MENDA.—7 m. Cross Purna river and a nala (unbridged). Country hilly, jungly and stony. Road stony.
		23 m. 4 f.	

AUTHORITIES.

Civil

Military.

No.
of
stages
and
total
distance

ROUTE No. 12.

DEPUTY COMMISSIONER, BETUL.

GENERAL OFFICER COMMANDING, JUBBULPUR BRIGADE.

4

30 m.
7 f.

A small village
Camping Ground.—Indifferent.
Water.—From river.
Supplies—Nil.

GUDGAON.—7 m. $\frac{3}{4}$ f. Cross a few nallas
 unbridged. Road
 rough and stony.

5

40 m.
7 f.

A small village.
Water.—From a well.
Supplies.—Procurable.

JHALAR.—10 m. Cross a few nallas, un-
 bridged. Road rough
 and stony.

6

49 m.
7 f.

A moderate sized village.
Water.—From a well.
Supplies.—Procurable.

TAPTI RIVER.—9 m. Cross some nallas
 and Tapti river.
 Murram road; country

hilly and jungly.

Camping Ground—Good but confined.
Water.—Plentiful.
Supplies.—Must be collected.

7

60 m.
7 f.

BETUL (BADNUR).—11 m. Cross Machna
 b., p-o., l-s., r-s. river and nallas (un-
 bridged). Murram
 road; soil stony. A civil station.

Water.— } Abundant.
Supplies.— }
 On routes 29 and 37.

ROUTE No. 13.

FROM BURHANPUR TO ELLICHPUR.

Length 106 m.

8 marches.

Authority and date (month and year).—Burhanpur to Dharni
Captain Chadwick, 101th Rifles, March 1914.

Epitome.—Road metalled throughout, very rough in places especially in the vicinity of Dhartalai. Nalas generally are paved. The country as far as Dharni is slightly undulating and well cultivated, cotton and jowari being the chief crops. The Tapti at Burhanpur is crossed by ferry or paved causeway according to season; the causeway is usually fordable by November. The road is passable though not recommended for motors.

ROUTE No. 13.

AUTHORITIES		No of stage and total distance.	
Civil.	Military.		
D. G. NIMAR AT BHANDWA. G. H. C. AYM (MHOW) DIVISION			BURHANPUR. — b, p-o, l.s., r.s., (2 m. distant.)
		1	SIRPUR. —11 m. b.
		11 m.	
		2	KAKNUR. —13 m. 2 f. b, p-o.
		24 m. 2 f. 3	
		40 m 6 f	DHERTALAI. —16 m 4 f. Road metalled. p-o. Country undulating and generally cultivated. Irish bridges at all nalas except Deonala m 12. At 3½ m. Tembi; at 4 m. Kanspug; at 5 m. Manjrod, at 10½ m. Raitalai (6) where water is scarce.

See Route III, stages 13 to 15.

AUTHORITIES.		No. of stage and total distance	ROUTE No. 13.
Civil.	Military.		
DEPUTY COMMISSIONER, AMRAOTI, AMRAOTI, AMRAOTI, D. C. KIMAR AT KHANDWA.	GENERAL OFFICER COMMANDING JUBBULPORE BRIGADE. G. C. GTH (SHOW) DN.		<p><i>Camping Ground.</i>—Open space (stony). East of village on either side of road.</p> <p><i>Water.</i>—2 wells one in village, one on roadside S. of village.</p> <p><i>Supplies.</i>—For 200 men. Notice [required for larger quantities and for grass and firewood. Bazar Sundays.</p>
		4	<p>DHARNI.—10 m. 2 f. Country undulating b., p.-o. generally cultivated, crops cotton, jowari, and some wheat. Road very bad indeed for about 7 m., then good. Irish bridges at all naals.</p> <p>At 1½ m. dak bungalows; at 4 m. Gargu river;</p>
		51 m.	
		5	
		66 m.	<p><i>Supplies.</i>—Supplies on hand for 200 men; 3 weeks' notice for larger quantities; grass and firewood plentiful. Bazar on Fridays.</p> <p>HARISAL.—15 m. Road metalled. At end b. of stage cross Sipna river, impossible for 2 or 3 days after heavy rains.</p> <p><i>Camping Ground.</i>—</p> <p><i>Water.</i>—From Sipna river.</p> <p><i>Supplies.</i>—</p>
		6	<p>SEMBADOWL.—15 m. Road metalled; rather hilly. At 7 m. Botia, on the Sipna river.</p>
		81 m.	

DISTRICTS		No of stages and total distance.	ROUTE No. 13.
No.	NAME.		
D. C. OF AMRATOTI, AMRATOTI	Q. O. G., JUBBULPUR BRIGADE.		<i>Camping Ground.</i> — <i>Water.</i> —Sipua river. <i>Supplies.</i> —
		7	BELA.—13 m. Road metalled and hilly.
		94 m.	<i>Camping Ground.</i> — <i>Water.</i> — <i>Supplies.</i> —
		8	ELlichPUR.—12 m. A large city. Head- q., p. o., l. s. quarters of the district
		106 m.	Routes 2, 4, 5 and 12 meet here.

ROUTE No. 17.

FROM BARODA TO DHULIA.

Length 195 m. 4 f.

18 marches.

Authority and date (month and year).—

Epitome—General direction S-S.E. Road, = cart track as far as Taloda, between Taloda and Nandurbar murrained and from there on-wards metalled and bridged. Between Nardod and Taloda supplies are scarce and long notices would be required.

AUTHORITIES.		No. of stage and total distance	ROUTE No. 17.	
Civil.	Military			
P. A. DEWA- KANTHA AT DHULIA.	1ST ASST. TO THE RESIDENT, BARODA		BARODA <i>b., p. o., l. s., r. s.</i>	
		1	BHILAPUR.—14 m.	} See route 20.
		1½ m.		
		2	BABHAL.—7 m. 6 f.— <i>b., p. o., r. s.</i>	
		21 m. 6 f.		
	C. O. O., STN (MHOW) DIVISION.	3	CHANDOD.—12 m. 5½ f. Cart-track. <i>p. o., r. s.</i>	At 11 m. Waraj (<i>r. s.</i>); at 8 m. Tantalao (<i>r. s.</i>). A large village on N. bank of Nerbudda river. Camping Ground.—N. Water.—Abundant from river. Supplies.—Abundant.
		3½ m. 3½ f.		

ACTS OF THE

C. R. M. S. T. A. R. E. W. A. K. A. N. T. H. A. A. T. G. O. D. H. E. R. A.

No. of
m. S. T. A. R. E. W. A. K. A. N. T. H. A. A. T. G. O. D. H. E. R. A.

ROUTE No. 17.

4

NANDOD—9 m. 1½ f. Cross Nerbudda by
b., p o., r. s. ferry boats Road me-
talled from S bank to

43 m.
6 f.

Nandod At 5 m. Rasda to W
Camping Ground—On open plain, W.
Water—Abundant from wells, tanks and Kar-
jan river
Supplies—Abundant

5

52 m.
6 f.

RAJPIPLA—9 m 1 f. Unmetalled cart-track.
At 1 m Wadia; at
3 m Sundarpura; at
4 m Jitghad, at 6 m Laldarwaja.
Several Mahomedans' and Bhils' huts, and
Rajah's palace on slope of hill.
Camping Ground—E.
Water—A nala and wells.
Supplies—Nil.

■

63 m.
3 f.

YAL—10 m. 5 f. At 1 m. cross Manjri river
200 yds. wide, bed
stony, at ■ m Sada;
at 3 m. Karjan river, 176 yds. wide, bed stony,
banks high; at 5 m. Gadit ½ m. right;
at 5½ m. and 7 m. Kukadi nala; cross Sara
Amba nala at 7½ m., ■ m. and 8½ m. at 9½ m.
Moia.
Camping Ground—E. and W,
Water—A nala.
Supplies—Nil.

71 m.
7 f.

RAKSHAKUNDI—8 m. 4 f. At start cross
Korjan river, 233 yds.
wide, bed stony, banks
high, unfordable in flood. At 1½ m. Pan-
gaon to right; at 6½ m. Ghatoli and cross
Runda nala; at 7½ m. Kismer.

GENERAL OFFICER COMMANDING 5TH (MHOW) DIVISION.

AUTHORITIES

Civil	Military.
-------	-----------

No of stages and total distance

ROUTE No. 17.

COLLECTOR OF WEST KHANDISH, DHULIA AT AMRUTABAD	G. O. C., AHMEDNAGAR BRIGADE.	G. O. M. 5TH (MHOW) DIVISION.		Country hilly and jungly. A collection of Bhil huts. <i>Camping Ground.</i> —W. <i>Water.</i> —A nala. <i>Supplies.</i> —Nil.
			8	KUKURDA.—10 m. Unmetalled cart road At $\frac{1}{2}$ m Dhamminala; at 1 m. Dechapada thana; at 4 m. recross
			81 m 7 f.	Dhamni; at $6\frac{1}{2}$ m country, road to Anklesh- var. A few Bhil huts on E bank of Kukurda nala. <i>Camping Ground.</i> —Near the chauki. <i>Water</i> —From Kukurda nala. <i>Supplies</i> —Nil
			9	SAGBARA.—11 m. 4 f. Unmetalled cart- road. Country hilly and jungly. At $2\frac{1}{2}$ m.
			93 m. 3 f.	Amyawadi, at $6\frac{1}{2}$ m. Mota Michkari; at 9 m. Chopatwa, cross nala at 9 m. and 10 m. <i>Camping Ground.</i> —S. <i>Water.</i> —From wells. <i>Supplies.</i> —Nil. In 6th (Poona) Division.
			10	KHATWANI.—14 m. $5\frac{1}{2}$ f.
			108 m. $\frac{1}{2}$ f.	} In 6th (Poona) Division, see Volume VI, of 1910.
			11	
			118 m. $1\frac{1}{2}$ f.	KUKURMUND.—10 m. $1\frac{1}{2}$ f.

DISTANCES		No. of stage and total distance	ROUTE No. 17.	
Civil	Military			
COLLECTOR OF WEST KANARUM AT DHULIA. GENERAL OFFICER COMMANDING, AHMADNAGAR BRIGADE.		12	TALODA.—7 m. <i>p.o.</i>	In 6th (Poona) Division, see Volume VI of 1910.
		125 m. 1½ f.		
		13	NANDURBA.—14 m. <i>b., p.o., l.s., r.s.</i>	
		139 m. 1½ f.		
		14	RANALA.—11 m. 4 f.	
		150 m. 5½ f.		
		15	DONDAICHA.—12 m. <i>p.o., l.s.</i>	
		162 m. 5½ f.		
		16	CHINTANA.—14 m.	
		176 m. 5½ f.		
		17	SONGIR.—7 m. 4 f. <i>b., p.o., l.s.</i>	
		184 m. 1½ f.		
		18	DHULIA.—11 m. 2½ f. On route VIII. <i>b., p.o., l.s., r.s.</i>	
		195 m. 4 f.		

ROUTE No. 18.

AUTHORITIES.		No. of stage and total distance.	ROUTE No. 18.
Civil.	Military.		
POLITICAL AGENT IN KATHIAWAR AT RAJKOT.	GENERAL OFFICER COMMANDING 5TH (M.B.W.) DIVISION.		<p><i>Camping Ground.</i>—Near Dharmaśala. <i>Water.</i>—From wells and river.</p>
		7	<p>GONDAL.—10 m. 6 f. Road as above with b., p.o., r.s., l.s. shady trees. Pass Chordi and Jalantar. A walled town. Residence of Chief of Gondal and Assistant Political Agent.</p> <p><i>Camping Ground.</i>—Near b. <i>Water.</i>—From wells and river. <i>Supplies.</i>—Abundant.</p>
		78 m. 3 f.	
		8	<p>RIBRA.—12 m. Road metalled and bridged. Land chiefly cultivated. At 2 m. 2 f. cross Gondh river (bridged); at 2 m. 4 f. Bhojpara; at 4 m. cross Bilalu (bridged); at 4 m. 2 f. Bilalu; at 9 m. 4 f. Piplia. A small village, a few shops.</p> <p><i>Camping Ground.</i>—S.W. <i>Water.</i>—Abundant from wells.</p>
		90 m. 3 f.	
9	<p>RAJKOT.—12 m. 4 f. Country and road as b., p.o., r.s., l.s. above. Cross 3 large and 4 small nalas. At 4 m. pass Palri.</p>		
102 m. 7 f.			
			<p>ru by a stone wall with good drainage to the river. Large Dharmaśala. The Rajkot cantonment is connected by metre gauge railway with Bhaunagar-Wadhwan (via Bhaunagar) Veraval and Porbandar; also with Mala.</p>

ROUTE No. 18.

AUTHORITIES

CITY MILITARY.

No. of
stages
and
total
distance.

Morvi, Vankaner and Wadhwan by the Morvi narrow gauge railway. It is the Headquarters of the Kathiawar Political Agency. Route 10 to Jamnagar and route 48 to Bhaunagar meet here.

Camping Ground.—For a small number of troops, arrangements are usually made in cantonments.

Water.—From Aji river, wells and lake.

Supplies.—Abundant.

10

KUWWA.—10 m. 7 f. Good metalled road.

113 m.
6 f.

Country level, generally cultivated, with

thin jungle. Cross Aji river (bridged) at 1 m., at 2 m. 6 f. Lalpuri river, (bridged); at 3 m. 4 f. pass Nawagaon; at 5 m. 1 f. Naliasan, 12 shops and wells.

600 houses, 30 shops and a Dharmasala.

Camping Ground.—210 × 240 yds. demarcated, W. of village.

Water.—20 wells; river water till end of cold weather.

11

BAMANBOR.—8 m. 7 f. Road as before.

122 m.
5 f.

Country open and cultivated. At 4 m. 4 f.

Kushiadarnana, at 5 m. Beta river (bridged).

Camping Ground.—100 yds. S.-W. of village, hilly, and uncultivated.

Water.—Good, a mile from C. G. and a well near dharmasala.

Supplies.—3 shops.

POLITICAL AGENT IN KATHIAWAR, AT RAJKOT

GENERAL OFFICER COMMANDING 5TH (MHOV) DIVISION.

AUTHORITIES		No. of stages and total distance.	ROUTE No. 18.
Civil	Military		
POLITICAL AGENT IN KATHIAWAR, AT RAJKOT.	GENERAL OFFICER COMMANDING 5TH (CHOW) DIVISION.	12	CHOTILA. —10 m. 7 f. Country and road above. At 6 m. Molt 517 houses and dharmasala.
		183 m. 4 f.	Camping Ground—45 yds. to N.-E. of village hilly and uncultivated. Water.—Sakra well behind travellers d., and well in front of dharmasala. The latter has a stone trough, filled daily so that horses can most conveniently be watered here. Supplies.—Procurable.
		13	DOLIA —13 m. Road as above pass Sangari d. Magrikhari, Sahapur, and Bhodhuki 100
		148 m. 4 f.	houses, 4 shops. Camping Ground—230 yds. S.-W. of village, all under cultivation. Water—From Bhogawa river.
		14	MULI. —10 m. 1 f. Country and road as above. b, p.o., t s, r.s. road runs close to railway to Wadhwan. At 6 m. 1 f. pass Somasar, Muli has 1,200 houses and 2 dharmasalas.
		153 m. 5 f.	Camping Ground.—300 yds. E. of village, 17 acres, demarcated. Water.—Abundant from wells and Bhogawa river. Supplies.—Abundant.
		15	WADHWAN —14 m. 5 f. Road as above. b, p.o., Ls, r.s. At 3 m. 5 f. Kukarda, 175 houses 6 shops; at 9 m. 6 f. Shekhpur, 2 shops. Cross Bhogawa
		171 m. 3 f.	

AUTHORITIES		No. of stages and total distance		ROUTE No. 18.	
Ct.	M.S. try				
P. A. KATHIAWAR, RAJPUT SEVERAL OFFICER COMMANDING, 5TH (MHOW) DIVISION.				river at end of stage, bank easy, bed sandy. The town of Wadhwan is about 4 m. E. of Wadhwan junction.	
				3 r.s. Wadhwan junction (Bombay, Baroda and Central India) Camp (Morvi railway) and City (Bhavnagar state railway.)	
				4,270 houses surrounded by a wall, bazar and police lines.	
				Camping Ground—370 yds to N. of town.	
				Water.—	} Abundant.
				Supplies.—	
		16		LAKHTAR—14 m. 2 f. Cleared cart-road; soil sandy. Pass Mulchand, Bala, and	
		185 m. 5 f.		Dapodra.	
				Camping Ground—570 yds to S.-W. of village, not fit for encampment in rains.	
				Water.—From tanks and wells, deficient if rain-fall is scanty.	
				Supplies.—Abundant.	
		17		CHABLI.—14 m. 3 f. Road as above, not good in rains, cross route No. IV (Bombay to Rahimabad bazaar) at Lilapur.	
		200 m.		35 houses, 1 shop.	
				Camping Ground—105 yds S. of village.	
				Water.—1 tank.	
		18		VIRAMGAM.—11 m. 6 f. Road as above; at 4 b., p.o., t.s., r.s. m. off, pass Hebatpur.	
		211 m. 6 f.		10,604 houses, 4 tanks, 30 shops, Mamlatdar's Kachery, and Dharmshala.	

AUTHORITIES		No of stage and total distance	ROUTE No. 18.
Civil	Military		
COLLECTOR AT AHMEDABAD GENERAL OFFICER COMMANDING 5TH (MHOW) DIVISION.			By rail (broad gauge Bombay, Baroda and Central India railway) to Ahmedabad 402 m. <i>Camping Ground</i> —Good and open 015 yds to E of town, 17 acres demarcated. <i>Water</i> .—Abundant and good from wells and tank. <i>Supplies</i> —Abundant.
		19	SACHANA. —8 m. 2 f. An unmade cart road S. of railway, very heavy, carts with 4 bullocks should be used. At 4 m. Soblai, 20 houses, 1 well; at 6 m. 1 f Jakhwara, where road improves. 3 good shops, 100 houses. <i>Camping Ground</i> —260 yds. N. of village, 10 big has hedged in. <i>Water</i> .—From wells <i>Supplies</i> .—Three good shops.
		220 m.	
		20	SANAND —14 m. 6 f. Road unmade, sandy p.o., l.s., r.s. and very heavy, for 11 m to Wasna Lawa, after which a fair made road. 3,300 houses and dharmasala. <i>Camping Ground</i> .—200 yds. S. of town. <i>Water</i> .—Good from wells and tank. <i>Supplies</i> .—Abundant.
		234 m. 5 f.	
		21	SARKHEJ. —7 m. 7 f. Made road. At 3 m. p.o., l.s., r.s. 3 f. Telao; at 6 m. 1 f. Raghunathpura; a town of 1,000 houses, 3 dharmasalas and police station.
		242 m. 4 f.	

ATTRIBUTES.		No. of stage and total distance.	ROUTE No. 18.
CR.	EXPLANATORY.		
COLLECTOR AT AHMEDABAD.	GENERAL OFFICER COMMANDING 5TH (MHOW) DIVISION.	22	<p><i>Camping Ground</i>—525 yds. to N.-E. of town when crops are cut.</p> <p><i>Water</i>.—Abundant from wells and tank, but much of it is brackish.</p> <p>A good well in the enclosure of the largest mosque.</p> <p><i>Supplies</i>—Abundant from 36 shops.</p>
		251 m. 5.	<p>AHMEDABAD—0 m. 1 f. Road metalled b, p.o., l.s., r.s. and good, at 3 m. Waina and Makhdam-pura; at 4 m. 3 f. Palri Kochrab; at 5 m. Madalpur, at 5 m 4 f. cross Sabarmati river</p> <p>further on road from r.s. joins on right.</p> <p><i>Camping Ground</i>—On I I parade ground.</p> <p>Supplies and transport available in large quantities.</p> <p>Routes X, XII, 21, 22, 26, 49 and 2 meet here.</p>

AUTHORITIES		No of stage and total distance	ROUTE No. 18.
Civil	Military		
COLLECTOR AT AHMEDABAD GENERAL OFFICER COMMANDING 5TH (MHOW) DIVISION.			By rail (broad gauge Bombay, Baroda and Central India railway) to Ahmedabad 402 m. <i>Camping Ground</i> .—Good and open 615 yds to E. of town, 17 acres demarcated. <i>Water</i> .—Abundant and good from wells and tank. <i>Supplies</i> .—Abundant.
		19	SACHANA .—8 m. 2 f. An unmade cart road S. of railway, very heavy, carts with 4 bullocks should be used. At 4 m. Soblai, 10 houses, 1 well; at 6 m. 1 f. Jakhwara, where road improves. 3 good shops, 100 houses. <i>Camping Ground</i> .—260 yds. N. of village, 10 bighas hedged in <i>Water</i> .—From wells. <i>Supplies</i> .—Three good shops.
		220 m.	
		20	SANAND .—14 m. 5 f. Road unmade, sandy p.o., l.s., r.s. and very heavy, for 11 m. to Wasna Laws, after which a fair made road. 3,300 houses and dharmshala. <i>Camping Ground</i> .—200 yds S. of town. <i>Water</i> .—Good from wells and tank. <i>Supplies</i> .—Abundant.
		234 m. 5 f.	
		21	SARKHEJ .—7 m. 7 f. Made road. At 3 m. p.o., l.s., r.s. 1 f. Telao; at 6 m. 1 f. Raghunathpura; a town of 1,600 houses, 3 dharmshalas and police station.
		242 m. 4 f.	

ROUTE No. 19.

ACTIVITIES		No of stage and total distance.	
Genl	Military.		
POLITICAL AGENT IN KATHIWAR, AT RAJKOT GENERAL OFFICER COMMANDING, 6TH (MHOW) DIVISION.		2	DHROL —12 m. 4 f. Road as above. A few nalas bridged. Country open. At 5 m. 1 f. cross Phuljar river, 70 yds. wide, bed sandy, banks low; at 5 m. 2 f. Thala; at 8 m. 6 f. Soel; at 9 m. 2 f. cross Und river, 64 yds. wide, bed sandy, banks low, delay of some hours after heavy rain. At 10 m. Wankia. A large village. <i>Camping Ground.</i> —Y. <i>Water</i> —Abundant from river and wells. <i>Supplies.</i> —From large bazar.
		22 m. 4 f.	
		3	PARDHARI .—16 m. A made road, at 3 m. 2 f. cross some nalas; at 7 m. Laala, at 14 m. 6 fr Wampuri. A walled village on the Dondi river a fine stream in January. <i>Camping Ground.</i> —Good and spacious. <i>Water</i> —Abundant from river. <i>Supplies.</i> —A large bazar.
		38 m. 4 f.	
		4	RAJKOT .—16 m. 6 f. Road as above. At 3 m. pass Rampur on the Nari river at 4 m. 6 f. Targarhi on the Nari river. Then cross an extensive waste plain. At 12 m. Ghantesar, a small village. Route 18 from Porbandar to Ahmedabad crosses here and route 48 from Bhaunagar ends here.
		55 m. 2 f.	

ROUTE No. 20.

FROM VERAVAL TO JETPUR.

Length 74 m. 2 f.

6 marches.

Authority and date (month and year).—State Engineer, Kathiawar, December 1908.

Epitome.—General direction N-E. A metalled road throughout. Water plentiful, but supplies scarce in some stages. The road runs parallel to the railway. Suitable for all arms and for motors. From Veraval to Junagad there are minor bridges only, many washed away, and the road is not good. After Junagad the road is fully bridged and in good order.

Veraval.—b., p.o., l.s., r.s.—An indifferent harbour, open to the Indian Ocean. Good anchorages in 11 fathoms $1\frac{1}{2}$ m. from Bhldhan Jan, which is between Veraval and Patan. No facilities for landing horses or guns.

AUTHORITIES.		No. of stage and total distance	ROUTE No. 20.
Civil	Military		
P. A. IN KATHIWAR, AT MAJ Kot.	G. O. C., 5TH (MHOW) DIVISION.	1	BHANDURL—16 m. Road metalled. Pass a few villages. A large village.
		16 m.	Camping Ground.—400×400 yds. Not demarcated Kept cleared. Water.—Plentiful. Supplies.—Limited.
		3	KESHOD.—14 m. Road as above.
		30 m.	r.s., l.s., p.o. A large village. Camping Ground.—As for last stage. Water.—Plentiful. Supplies.—Limited.
		4	VANTHLI.—14 m. Road as above.
		44 m.	

AUTHORITIES		No. of stage and total distance.	ROUTE No. 20.
Civ.	Military.		
POLITICAL AGENT IN DASHIWAR, AT RAJKOT. GENERAL OFFICER COMMANDING 5TH (MHOW) DIVISION			A large village. <i>Camping Ground</i> .—3 acres, demarcated <i>Water</i> .—Plentiful. <i>Supplies</i> —Limited.
		4	JUNAGAD .—10 m. Road as above.
		54 m.	A walled town and residence of a Chief. <i>Camping Ground</i> .—8 acres, demarcated. <i>Water</i> .—Abundant water from tank. <i>Supplies</i> .—Abundant.
		5	CHOKI .—10 m 4 f Road as above
		64 m 4 f	At 1 m 3 f cross Handruk river; at 3 m. 4 f. road to bungalow in Sakar Bagh joins on right. Cross Lul river, a few large and several small nalas, in this stage. A small village <i>Camping Ground</i> .—On bank of river, 6 acres, demarcated <i>Water</i> .—From Olain river and wells <i>Supplies</i> .—A few shops
		6	JETPUR —9 m. 6 f. Road as before. Cross
		74 m. 2 f.	b., f.o., r.s t.s Fuljari river to Jetal- sar; at 8 m 6 f. road to Jetpur town branches off to right. Cross 1 large and 1 small nala in this stage. To Rajkot and Ahmedabad by route 18. <i>Camping Ground</i> —Near bungalow, on bank of Bhadar river.

ROUTE No. 21.

FROM GOGO TO AHMEDABAD.

Length 136 m. 3 f.

12 marches.

Authority and date (month and year).—

Epitome.—General direction N by E. Road metalled and partially bridged. Fair to Wartej; thence to Vala washed away in places; Vala to Dhandhuka good. From there to Deopura the road is bad after which a good made, but unmetalled road. Suitable for all arms.

Water.—Plentiful throughout, but supplies scarce in many places.

AUTHORITIES.		No of stage and total distance	ROUTE No. 21.
Civil.	Military.		
COLLECTOR AT AHMEDABAD.	G. O. C. 5TH (MHOW) DIVISION.		<p>GOGO.—A small port in British territory, b. p. o. now not much used, the trade going to Bhavnagar. British India Steam Navigation Company's steamers pass (en route) to latter port, but do not stop here. The port is however better than Bhavnagar. Steamers must anchor in the roadway,—landing by country boats at high tide, each boat taking 30 to 40 men, with their kits. Gogo is a large walled town. Inspection, Dak, Public Works Department and Customs hungalows.</p> <p><i>Water.</i>— <i>Supplies.</i>— } Abundant.</p>

AUTHORITIES

CIVIL MILITARY

No of stage and total distance

ROUTE No. 21.

1

14 m.

BHAUNAGAR.—14 m. A good metalled b. p. o., r. s., l. s. road from Gogo to Bhaunagar

There is also a good metalled road direct to Wartej, distance 16 m

A large city, capital of state. The Bandar is 6 m. up the creek. British India Steam Navigation Company's steamers call here. The creek which is a mile broad at its mouth, narrows opposite the Bhaunagar landing place to 2074 at highest 910 ft at lowest water. Depth opposite landing place 22 ft. at lowest water springs, 29 85 at lowest water neaps, 44 ft. at highest neaps 54 29 at high water springs. Average speed of flood at landing stage 4 m an hour. The creek gives shelter and anchorage to ships of largest size. A boat basin with 1,280 ft of wharfage, chain moorings and hydraulic cranes along the pier. Horses and guns could be landed here. Railway to Wadhwan and Jatalar Junction

Water — } Abundant.
Supplies.— }

2

19 m.
6 f.

WARTEJ.—5 m. 6 f. A good made road. b. p. o., l. s., r. s. At 4 f. leave the town, at 3 m. 3 f. pass

Chitra.

A large village.

Camping Ground—W of bungalow.

Water.—Abundant from many wells.

Supplies.—Many shops.

ROUTE No. 21.

AUTHORITIES		No of stage and total distance.	
Civil	Military.		
P. A. IN KATHIAWAR, BY RAJKOT.	GENERAL OFFICER COMMANDING, 5TH (MHOW) DIVISION.	3	GHANGHLI. —8 m. 1 f. Road as above. <i>p.o.</i> Cross Maleshore river. At about 1 m. cross railway; at 2 m. 4 f. pass village of Kirtot; at 4 m. 4 f. pass Bhogopur, and at 5 m. 4 f. pass Nera on this stage. Country cultivated and enclosed, with hills few miles to right. A large village on Ghunti river. <i>Camping Ground.</i> —N.-W. <i>Water</i> —From many wells and Ghunti river. <i>Supplies.</i> —Scanty.
		27 m. 7 f.	
		4	WALAH. —9 m. 1 f. Road as above. At <i>b., p.o.</i> 5 m. pass Chombordi, many shops, and wells; at 7 m. 5 f. cross a river. <i>Camping Ground.</i> — <i>Water</i> —Abundant from river and well. <i>Supplies.</i> —Moderate.
		37 m.	
C. AT AHMEDABAD.		5	MULDHARAI. —8 m. 6 f. Road as above. At 6 m. 2 f. Khanpur; cross several nallas, and at 6 m. 5 f. cross Keri river on this stage, country level, and swampy to right. A small village. <i>Camping Ground</i> —S.-E. 7 acres, demarcated, occupied by servants of Wala Durbar. <i>Water.</i> —Abundant from river and wells. <i>Supplies.</i> —Moderate.
		45 m. 6 f.	
		6	ROJIT. —12 m. 3 f. At 4 m. pass Panwi; <i>p.o.</i> at 6 m. 2 f. Khalka, cross Kukal and at 9 m. 1 f. Ulahi river S. of Barwala. Small walled town on left bank of Ulahi river.
		59 m. 1 f.	

AUTHORITIES.		No of stages and total distance	ROUTE No. 21.	
Dist.	Mil- itary			
C. AT AHMEDABAD E. A. BY KATHIAWAR AT RAJKOT. C. AT AHMEDABAD			<p>travellers' bungalow and post office. Country open and partly cultivated, swampy to right. A large village. <i>Camping Ground</i>.—Near well, 100 acres, salt marsh. <i>Water</i>.—Good and plentiful from several large wells in a tamarind grove. <i>Supplies</i>.—Moderate, few shops.</p> <p>DHANDHUKA.—14 m. 5 f. At 3 m. 3 f. <i>b, p o, i.e.</i> pass village Polaspur few shops and wells, and at 4 m. 4 f. Bhimnath, several shops, wells and Silka river. At 8 m. 1 f. Pagadi. Cross several streams of Pingaria river. A large town with dharmasala. <i>Camping Ground</i>.—800 yds. N.-W. of village, on right (S.) bank of Bhadar river, demarcated, 8 acres. <i>Water</i>.— } Abundant. <i>Supplies</i>.— }</p> <p>DEOPURA.—12 m. 5 f. Road not good. Country open with thin jungle and cultivation. At 2 m. 1 f. Jalia At 3 m. 1 f. Adwal 400 houses, 30 shops. 150 houses, 4 shops. <i>Water</i>.—From Bhagawa river. <i>Supplies</i>.—Scanty.</p> <p>BAGODRA.—11 m. Road good, made, but sandy. At 4 m. Jansali, 80 houses, 30 shops; at 5½ m. Mithapur, 4 shops.</p>	
		7		
		72 m. 6 f.		
		8		
		85 m. 3 f.		
		9		
		93 m. 3 f.		

GENERAL OFFICER COMMANDING, 5TH (MHOW) DIVISION

AUTHORITIES		No of stage and total distance	ROUTE No. 21.
Civil	Military.		
COLLECTOR AT AHMEDABAD. GENERAL OFFICER COMMANDING 5TH (MHOW) DIVISION.			100 houses, 3 shops and dharmasala. <i>Water</i> .—From 2 wells and 1 tanks <i>Supplies</i> .—Scanty.
		10	BAOLA .—16 m. 7 f. Road as above. At <i>r.s.</i> $4\frac{1}{2}$ m. pass Bhamsari; at 11 m. 1 f. Bhayala, 5 shops; at 12 m. 7 f. Kerala, 1 shop and 1 well. Road crosses Route No. IV from Bombay and Bhuj to Karachi. 1,200 houses and dharm- sala <i>Camping Ground</i> .—To N.-W. <i>Water</i> — } Abundant. <i>Supplies</i> — }
		113 m. 2 f.	
		11	
		127 m. 2 f.	SARKHEJ —14 m Road muramed and <i>b, p.o., t.s., r.s.</i> fair runs parallel to the railway (metre gauge, Ahmedabad-Dholka). At 8 m. 6 f. Changadar, 2 shops.
		12	AHMEDABAD .—9 m. 1 f. See Route No. 18, last stage.
		136 m. 3 f.	

ROUTE No. 22.

FROM AHMEDABAD TO BARTALAO (FOR HYDERABAD).

Length 150 m. 2 f.

13 marches.

Authority and date (month and year).—

Epitome.—A fair cart-road through sandy country, road confined by hedges from Kalot to Munjipur. From Munjipur good hard road through open level country, but liable to be flooded between Saraswati and Bunas rivers in rain. From Radhanpur road confined by jungle, and heavy in parts; soil sandy.

For 4 m. beyond Morrada, road passes over inlets of swampy ground. The road over the Bets and the Kamm is good and hard when not flooded in the rains.

ACCOMMODATION		No of stage and total distance	ROUTE No. 22.
Civil	Military		
RESIDENT AT AHMEDABAD. C. AT AHMEDABAD.	MILITARY DIVISION. Q. B. C. 3TH, (MILITARY) DIVISION.	1	ADALAJ.—9m. 4f. Sandy cart-road through thickly cultivated country.
		9 m 4 f.	Camping ground.—N.-W. of village and N. of wells. 11 acres, demarcated. Water.—Plentiful from 5 wells, 2 tanks, and a large step well. Supplies.—Limited, 10 shops.
		17 m. 7 f.	KALOL.—8m. 3f. At 3 m. 1½ f. Sartha, 200 houses 7 shops at 5 m. 7 f. Saij 250 houses, 2 shops. Soil sandy. On Bombay, Baroda and Central India Railway (metre gauge). Mail train stops at Kalol station. Camping Ground.—1,200 yds S.-E. of village. Water — } Plentiful. Supplies.— }

AUTHORITIES		No of stage and total distance.	ROUTE No. 22.
Civil.	Military.		
COLLECTOR AT AHMEDABAD	GENERAL OFFICER COMMANDING 5TH (MHOW) DIVISION.	8	KADI. —11 m. 5 f. At 3 m. 4 f. Chatral; at r.-s. 8 m. 2 f. Burasan.
		29 m. 4 f.	A large town and fort. <i>Camping Ground</i> —550 yds N.-W. of town, also by a tank to N. <i>Water.</i> —From large tank and wells. <i>Supplies.</i> —Abundant.
		4	RUDATAL. —14 m. 5 f. At 2 m. 8 f. Adundra, 60 houses; at 3 m. 8 f. Nagarasan,
		44 m. 1 f.	20 houses; at 5 m. 1 f. Chhalesra; at 6 m. 2½ f. Dhandalpur; at 5 m. ½ f. Dangarwa; at 9 m. 6½ f. Phatepura. <i>Camping Ground.</i> —880 yds S.-E. of village. <i>Water.</i> —Abundant from a tank, (good) also 3 wells, 2 of them brackish. <i>Supplies</i> —Scanty, 2 shops.
RESIDENT AT BARODA.		5	HASALPUR BECHRAJI. —11 m. 4 f. At 1 m. 1½ f. Mokapura (tank); 1 m. 5 f. a
		55 m. 5 f.	at 9 m. 6½ f. tank and well on left, village Bechar on right (5 shops, tank, well and large temple). 80 houses, 1 tank, 5 shops. <i>Camping Ground.</i> —80 yds. E. of village. <i>Water.</i> —Scarce. <i>Supplies.</i> —Limited.

REGULATIONS.

CR. MILITARY

No. of stage and total distance

ROUTE No. 22.

6

68 m.
7 f.

MUNJPUR.—13 m. 2 f. At 1 m. 4 f. pass village of Phechari, 100 houses, 2 tanks, 1 well, 3 shops; at 4 m. 5 f. pass village of Fatehpur to the left of the road, 10 houses, 1 tank. The Rupen river crosses the road at 5 m. 1 f., 158 yds. wide, fordable but heavy for carts. At 6 m. 6½ f. pass village of Tuwar to the right, 450 houses, 15 shops, 5 wells, 1 tank. Munjpur contains 700 houses, 25 shops and Mamletdar's kacheri.

Camping Ground.—800 yds. to S.-W. of village. *Water.*—3 wells and 2 tanks.

Supplies.—Plentiful.

7

78 m.
1 f.

SAMI.—9 m. 2 f. Pass small village of Trakod Loti at 1 m. 5 f.; at 4 m. 1 f.

Kathi, a small village. Country as before. A large fortified town.

Camping Ground.—Good 525 yds to W. of town.

Water.—From 2 tanks and 3 pakka wells. the larger tank on the S.-W.

Supplies.—Plentiful.

8

83 m.
1 f.

RADHANPUR.—15 m. At 3 m. 2 f. cross the p.-o., l.-s. Saraswati river, low, shallow and sandy;

at 4 m. 8 f. pass Warana, 60 houses; at 8 m. 1 f. cross the Banas river, broad and heavy with deep sand, and water in pools. At 11 m. 4 f. Masali, 80 houses, 2 shops

ROUTE No. 22.

AUTHORITIES.		No of stage and total distance.	
Civil	Military.		
COLLECTOR AT AHMEDABAD.	RESIDENT AT BARODA.	GENERAL OFFICER COMMANDING 5TH (MHOW) DIVISION.	
		3	KADI. —11 m. 5 f. At 3 m. 4 f. Chatral; at r.s. 8 m. 2 f. Burasan.
		29 m. 4 f.	A large town and fort. <i>Camping Ground.</i> —550 yds. N.-W. of town, also by a tank to N. <i>Water.</i> —From large tank and wells. <i>Supplies.</i> —Abundant.
		4	RUDATAL. —14 m. 5 f. At 2 m. 5 f. Adundra, 60 houses; at 3 m. 6 f. Nagarasan,
		41 m. 1 f.	20 houses; at 5 m. 1 f. Chhalesra; at 6 m. 2½ f. Dhandalpur; at 5 m. ½ f. Dangarwa; at 9 m. 6½ f. Phatepura. <i>Camping Ground.</i> —880 yds. S.-E. of village. <i>Water.</i> —Abundant from a tank, (good) also 3 wells, 2 of them brackish. <i>Supplies.</i> —Scanty, 2 shops.
		5	HASALPUR BECHRAJÍ —11 m. 4 f. At 1 m. 1½ f. Mokapura (tank); 1 m. 5 f. a temple to left of road; 2 m. 4 f. a tank on right
		55 m. 5 f.	2 m. 5 f. Gunjala to left, thana, 1 well, 2 tanks; at 5 m. 2½ f. Kanpura (wells and tanks) 7 m. Dedana (5 shops, 1 tank); at 9 m. 6½ f. tank and well on left, village Bechar on right (5 shops, tank, well and large temple). 80 houses, 1 tank, 5 shops. <i>Camping Ground</i> —80 yds. E. of village. <i>Water.</i> —Scarce. <i>Supplies.</i> —Limited.

ATTENTIVE		No. of P.A.W. and Total Stores	<p align="center">ROUTE No. 22.</p>
Cd.	Md try		
<p align="center">POLITICAL SUPERINTENDENT AT PALANPUR.</p> <p align="center">GENERAL OFFICER COMMANDING, 5TH (CHHOW) DIVISION</p>			<p>Saugam has 500 houses.</p> <p><i>Camping Ground.</i>—440 yds. to N.-E. of village.</p> <p><i>Water</i>—1 large and 2 small tanks and some brackish wells, in hot weather, water must sometimes be obtained from Benap 4 m. to E.</p> <p><i>Supplies.</i>—From 25 shops, grass plentiful.</p>
			<p align="center">12</p> <p align="center">134 m 2 /</p> <p>NARA BET—13 m. 1 f. At 6 m. 4 f. enter the Rann, which is generally quite hard and d v by the 1st November, at 10 m. 1 f. cross Khajadi wala Bet, a small island, at 12 m. 5 f. a number of water pits on Nara Bet. West of them, and near, other pits called Ragu and Vira. Great care to be taken not to set the grass on fire. The "Bets" in the Rann are spots raised a few feet above the general level and covered with long grass and bushes.</p> <p><i>Camping Ground.</i>—70 yds. to S. of island.</p> <p><i>Water</i>—Pits must be dug.</p> <p><i>Supplies</i>—Nil.</p> <p>An uninhabited island in the Rann.</p> <p>No troops have been known to camp here; formerly Varran-Vad, about 8 m. further on was used.</p>
<p align="center">13</p> <p align="center">150 m. 2 /</p>			<p>BARTALAO—16 m.</p> <p>In 4th (Qurtta) Division.</p>

ROUTE No. 23.

FROM DEESA TO ISLAMGARH (ON THE ROAD TO MULTAN).

Length 286 m 2 f.

19 marches.

Authority and date (month and year)—Barmer to Jaisalmer, Captain Radcliffe-Smith, 44th Merwaras, February 1911; Jaisalmer to Islampur, civil authorities, September 1913.

Epitome.—General direction N. by E. Road windy and heavy as far as Barmer, after which a tolerable cart-road over level and generally hard ground, in parts sandy. From Jaisalmer the road is hard and stony. Practicable for carts throughout. Water is scarce in places and often brackish. Supplies not procurable in many places, and in others notice should be given. Road impracticable for motors. Camel transport recommended.

From Bombay via Broach Baroda and Ahmedabad-Deesa by Route No. X, 43 stages, distance 468 m. 7 f.

ROUTE No. 23.

AUTHORITIES		No. of stages and total distance	
Civil	Military		
POLITICAL SUPERINTENDENT AT PALANPUR	GENERAL OFFICER COMMANDING NASIRABAD BRIGADE	1	JHERDA. —9 m. 1 f. Cross Banas river and pass Akhole at 1 m. 4 f. on left bank; the bank on this side is very steep, bed sandy, and pebbly, 1 f. water, fordable, except after heavy rain. A small village. <i>Camping ground</i> —Good. <i>Water.</i> —Plentiful from a few wells slightly brackish, and a tank. <i>Supplies.</i> —Few shops. <i>Fuel.</i> —Abundant.
		9 m. 1 f.	

ROUTE No. 23.

ACCOMMODATION		No. of stage and total distance	
Cnl.	Military		
<p>POLITICAL SUPERINTENDENT AT PALANP. N.</p> <p>GENERAL OFFICER COMMANDING, NAGPUR BRIGADE.</p> <p>RESERVE VETERAN RAFFETAMA "TATKA, JOHNSON.</p>		2	<p>DHANERA.—11 m. At 2 m. 4 f. pass Tirlo- da; at 9 m. Samal- vada, country jungly with cultivation here and there. From Jherla soil sandy, road heavy and occasionally undulating, the land is mostly cul- tivated</p> <p>Large walled town, country woody, with patches of cultivation.</p> <p><i>Camping Ground.</i>—E. good but low.</p> <p><i>Water.</i>—Abundant and good from a tank and fine well.</p> <p><i>Supplies</i> — } Abundant. <i>Fuel</i> — }</p>
		20 m. 1 f.	
		3	<p>NENAWA.—13 m. 4 f. At 3 m. 5 f. pass Dhaka. Country over spread with long grass and jungle. At 7 m. 5 f. Vinchi- vada, a small Bhil village. Country as be- fore. At 9 m. 6 f. Savara. Road sandy and heavy.</p> <p>A moderate sized village.</p> <p>By Route 24 to Umarkotin 4th (Quetta) Division.</p> <p><i>Camping ground</i> —S. and S.-W.</p> <p><i>Water.</i>—One well a little brackish.</p> <p><i>Supplies</i>—Few shops.</p> <p><i>Fuel.</i>—Abundant.</p>
		33 m. 5 f.	
		4	<p>PUR—11 m. 4 f. At 4 m. 6 f. pass Pauchala, 2 wells; much cultivation near village. Coun- try jungly, undulating and sandy. Road as above, sometimes confined by jungle. Few huts.</p>
		45 m. 1 f.	

ROUTE No. 23.

AUTHORITIES.

No
of
stage
and
total
distance

Civil

Mili-
tary.village.
ns only.

RESIDENT, WESTERN RAJPUTANA STATES, JODHPUR

GENERAL OFFICER COMMANDING, NASIRABAD BRIGADE

5

JAB.—16 m. At 4 m. 2 f. pass Arnau; at 7 m. 2 f. Chora, at 13 m. 6 f. Muli Country

61 m.
1 f.

jungly and no supplies at these villages.
Road as above.

A moderate sized village, close to the river
Sukri.

Camping Ground.—N-W low but good.

Water.—Abundant

Supplies.—Several shops.

Fuel.—Plentiful

6

GURA—13 m 4 f. At 300 yds. cross Sukri
river, dry, about 70
ft. wide; at 1 m. 6 f.

74 m
5 f.

pass Etada, at 3 m. 4 f. Tantara; at 9 m. 1
f. Juri; at 10 m. 1 f. Lumbawa on a branch of
the Luni river, at 12 m. 2 f. cross the Luni
river 250 ft wide not a running stream, banks
low, bed hard sand Country open, and cul-
tivated, undulating and sandy. Road sandy
and heavy.

A large village on Luni river.

Camping Ground.—Bad.

Water.—From Luni river, abundant from
wells, but brackish.

Supplies.—Abundant.

7

CHOTU.—17 m. 5 f. At 2 m. 5 f. pass Dhabar;
at 11 m. Golia.

92 m.
2 f.

Country composed of
sand hills with much jungle. A sandy but

ROUTE No. 23.

ARTICULARS.		No. of stage and total distance.	
Genl.	Military.		
RESIDENT, WESTERN RAJPUTANA STATION, JODHPUR	GENERAL OFFICER COMMANDING, NASIRAHAD BRIGADE		tolerable cart-road over and among low sand-hills. A small village, with a shepherd's hut on a sandhill. <i>Camping Ground</i> .—E. and near village. <i>Water</i> .—Abundant from well (brackish) 120 ft. deep. <i>Supplies</i> .—Nil.
		8	GARAL —15 m. 2/ At 4 m pass Nokra; at 12 m Nok.
		107 m 4/	Country as above Road as above. A small village <i>Camping Ground</i> .—Anywhere near village. <i>Water</i> .—A well, brackish. <i>Supplies</i> .—Nil.
		9	BARMER —13 m Pass Mithra and Mahwar, small villages. Country as above Road as before for 10 m then a level and good road. Here Route No XIII, from Karachi to Delhi, passes at right angles. Water and supplies abundant. A town on the slope of a steep rocky hill. Commanded by a petty fort of loose stones with a tank in it. The Barmer hill is on the eastern extremity of the Thar or sandy desert; it was long the Headquarters of the robber tribes of the desert, until destroyed by a British force in 1882. <i>Camping Ground</i> .—About 400 yds. S.-E. <i>Water</i> .— } Abundant. <i>Supplies</i> .— }
		120 m. 4/.	

AUTHORITIES.		No of stage and total distance.	ROUTE No. 23.
Civil	Military		
RESIDENT, WESTERN RAJPUTANA STATES, JODHPUR.	GENERAL OFFICER COMMANDING, NASIRABAD BRIGADE.	10	BARKA —20 m. 3 f. Road heavy and bad at first; after 2 m. fair cart-road for 7 m. then heavy for 3 m; last 3 m. good road
		140 m. 7 f.	Country bare and covered with coarse scrub; no cultivation At 5 m. 5 f. pass Jahpa; 12 m. 3 f. Kapuria. A small village. <i>Camping Ground</i> .—Anywhere near village, best to S. <i>Water</i> —2 good wells 200 ft. deep. <i>Supplies</i> .—Scarce.
		11	GUNGA .—18 m. 5 f. Road good for 4 m. and fair for 2 more, then bad for 8 m, then good.
		159 m. 4 f.	Country generally level and uncultivated. At 4 m. 2 f. pass Numla; at 8 m., 2 f. Nanbasir ½ m to the left, at 14 m. Sheo, with a fort of loose stones and large tank. A low range of rocky hills to W. of the road near which there is some cultivation. A moderate-sized village, with a large tank ½ m. to S. <i>Camping Ground</i> .—Anywhere near village, best on S. near tank <i>Water</i> .—From tank only; no wells. <i>Supplies</i> .—Scarce, obtainable on notice.
		12	VINJORAI .—18 m. 6 f. Road good at first, then sandy for 7 m. up to 8 m. 3 f. where Raj-
		178 m. 2 f.	rol village is passed, 1 well. Thence fair to Karul 10 m. 5 f. a tank. Thence for 4 m. good over level plain; thence road crosses

AUTHORITIES		No. of stage and total distance.	ROUTE No. 23.
Civil.	Military.		
RESIDENT, WESTERN RAJPUTANA STATES, JODHPUR. GENERAL OFFICER COMMANDING, NASIRABAD BRIGADE			<p>over low range of hills forming boundary between Jodhpur and Jaisalmer. Road good for last 4 m. Country sandy and undulating at first, afterwards level, and in parts cultivated during rains.</p> <p>A small village.</p> <p>Small mud fort in bad repair.</p> <p>Camping Ground.—S of village.</p> <p>Water.—Large tank full (February).</p> <p>Supplies.—Scarce</p>
		13	<p>DEVIGOT.—14 m. Road fair at first, then very sandy and bad for 2 m., afterwards good and in most places hard. Country generally level, but occasionally sand-hills. At 4 m.</p>
		192 m. 2 f.	
		14	<p>JAISALMER—24 m. Road good for 4 m., then sandy but fair for another 4 m., then bad for 5 m. Cross nala near 13th m. stone; then fair for 9 m., last 4 m. good. Country bare and desolate, mostly undulating, alternately rocky and sandy. At 4 m. pass Chor, small village, 1 well, at 12 m. pass Akal, 1 m. to W., at 10 m. pass Dabla.</p> <p>Route No. XI from Jubbulpur to Khelat and Route 25 from Hyderabad to Bikanir and Ambala cross at Jaisalmer.</p>
		216 m. 2 f.	

AUTHORITIES		No. of stage and total distance	ROUTE No. 23.	
Civil	Military			
PRESIDENT, WESTERN RAJPUTANA STATES, JODHPUR.	GENERAL OFFICER COMMANDING, NASEERABAD BRIGADE.		<i>Camping Ground.</i> — <i>Water.</i> — <i>Supplies.</i> — <i>Fuel.</i> —	
		15	See main route XI, stage 58.	
		224 m. 2 f.	BARAMSAR. —8 m. Road stony, and heavy in places. At $\frac{3}{4}$ m. a tower; at $1\frac{1}{2}$ m. a well. Country a desert <i>Camping Ground.</i> —N.-E., near village. <i>Water.</i> —A few wells <i>Supplies.</i> —A month's notice for 1,000 men.	
		16	KATHORI —8 m. Road hard and stony. Country a desert. Pass a small village and a	
		232 m. 2 f.	nala in this stage. A large village <i>Camping Ground.</i> —600 yds N to right of road. <i>Water.</i> —A few wells and tank <i>Supplies.</i> —A month's notice for 1,000 men.	
		17	MANDHA. —16 m. Road and country as above.	
		248 m. 2 f.	At 11 m Khiwalsar. A moderate-sized village. <i>Camping Ground.</i> — <i>Water.</i> —A large tank called Khoorishar $1\frac{1}{2}$ m. W. of village, water good but not perennial. <i>Supplies.</i> —A month's notice for 1,000 men	

AUTHORITIES.

C.P.
V. S.
LARRY.No.
of
stage
and
total
distance.

ROUTE No. 23.

RESIDENT, WESTERN RAJPUTANA STATION,
JODHPUR.GENERAL OFFICER COMMANDING,
RAJPUTANA BRIGADE.

18

DAWAR.—6 m. Road as above. Country
sand-hills and desert.154 m.
2 f.A deserted village with a few pits of water
where animals come to drink.*Camping Ground.*—200 yds. N.E.*Water*—*Supplies*—

As above.

19

ISLAMPUR or MOHUR —32 m Road fair-
ly good for 16 m, then
a sandy track 16 m a283 m.
2 f.

small tank at 17 m dependent on rains.

In 3rd (Lahore) Division

To Multan via Bahawalpur in 14 marches.

(See Volume III of 1910, route 65.)

ROUTE No. 24.

FROM DEESA TO UBERLOR [ON ROAD TO UMARKOT AND HYDERABAD (SIND)].

Length 118 m. 1 f.

10 marches.

Authority and date (month and year).—

Epitome.—General direction N-W. The road is a sandy cart-track very heavy in places, but passable for all arms and wheeled transport. Not fit for motors. Camel transport preferable to carts.

Water abundant throughout, but often brackish. Supplies scanty, in places unprocurable. Forage obtainable throughout.

When the Rann is impassable in the rains, this is the most direct route into Sind.

From Bombay and Ahmedabad by route X.

AUTHORITIES.		No. of stage and total distance.	ROUTE No. 24.	
Civil.	Military.			
POLITICAL SUPERINTENDENT AT TALANPUR.	GENERAL OFFICER COMMANDING, NASIRABAD BRIGADE.	1	JHERDA.—9 m. 1 f.	} By route No. 23.
		9 m. 1 f.		
		2	DHANERA.—11 m.	
		20 m. 1 f.		
		3	NENAWA.—13 m. 4 f.	
		33 m. 5 f.		

AUTHORITIES.		No. of stage and total distance.	ROUTE No. 24.
Civil.	Military.		
RESIDENT, WESTERN RAJPUTANA STATES, JODHPUR. GENERAL OFFICER COMMANDING, NAGURBAD BRIGADE.		4	SANCHOR. —10 m. 4 f. Road level and sandy but good. At 3 m. 2 f. pass Lamiasan; at 6 m. 5 f. Vadsan. Country jungly, sandy, and gently undulating, with cultivation near villages. A principal town of the district, but a small place and half deserted, with less than 200 houses. <i>Camping Ground.</i> —400 yards W. <i>Water.</i> —Abundant but brackish. <i>Supplies.</i> —Moderate.
		44 m. 1 f.	
		5	ESROL AND COMIL. —14 m First part of road jungle, but gradually becomes open with numerous villages and much cultivation. Road as above Two small villages near a branch of Luni river in a well cultivated country. <i>Camping Ground.</i> —N. of Esrol. <i>Water.</i> —Abundant from wells. <i>Supplies.</i> —Scarce.
		53 m. 1 f.	
		6	TAMPI. —11 m Cross a branch of the Luni river, from Esrol, and the main branch at 4 m to Hotigam; the river continues on the left hand to Tampi At 8 m. pass Duthua. Road as above. A moderate-sized village, much wheat cultivation. <i>Camping Ground.</i> —About 300 yds N. <i>Water.</i> —Abundant and good from wells and pits in the Luni river. <i>Supplies.</i> —Abundant.
		69 m. 1 f.	

AUTHORITIES

Civil.

Military.

No
of
stage
and
total
distance.

ROUTE No. 24.

RESIDENT, WESTERN RAJPUTANA STATES, JODHPUR.

GENERAL OFFICER COMMANDING, NASIRABAD BRIGADE.

7

81 m.
3 f.**PANORIA.**—12 m. 1 f. At 4 m. 7½ f. 2 hatches wells, 35 ft deep; at 6 m. pass Kal-ji-ki-Beri.

At 8 m. 4½ f. Wydi, 2 huts, with water close to the surface and sweet; at 7 m. 2 f. cross an inlet of the Rann retaining rain water. The country is a succession of sand-hills covered with coarse grass and low jungle.

Road heavy and sandy over and among the sand-hills.

A small village.

Camping Ground—To the left near the wells.*Water*.—Plentiful from a few deep and brackish wells.*Supplies*.—Nil.*Forage*.—Procurable.

8

93 m.

BOHAR.—13 m. 5 f. At 5 m. pass Phaglia. At 11 m. Vada.

Country as before.

Road as above.

A small village with a telegraph b.

Camping Ground.—W. of well near village.*Water*.—Abundant but brackish from 1 pakla well.*Supplies*.—Nil.*Forage*.—Procurable.

9

106 m.
1 f.**JANPALIA**.—11 m. 1 f. Country a little open on the right of the village, otherwise as before.

Road as above.

A few huts.

Camping Ground.—No regular site, but plenty of land available N. of village.

AUTHORITIES.		No. of stages and total distance.	ROUTE No. 24.
Civil.	Military.		
RESIDENT, WESTERN RAJPUTANA STATES, JODHPUR. QUARTERMASTER- GENERAL, COMMANDING NAGIRABAD BRIGADE.		10	<i>Water</i> — Abundant from wells. <i>Supplies</i> — Scarce UBERLOR — 12 m A tolerable road.
		118 m 1 /	A few huts on a sand-hill, village Karoro 3 m. S. with wells. In 4th (Quetta) Division, to Umarkot in 7 marches, distance 86 m. S.

ROUTE No. 25.

FROM BUDHI BOR TO BALSAMAND [ROAD FROM HYDERABAD (SIND) TO AMBALA].

Length 440 m.

29 marches.

Authority and date (month and year).—

Lyons —General direction N.-E The road is a cart-track, in many parts very heavy and sandy and difficult for guns or wheeled transport Camel transport most suitable Water usually abundant

Distance 138 m.

AUTHORITIES		No of stage and total distance	ROUTE No. 25.	
Civil	Military.			
RESIDENT, WESTERN RAJPUTANA STATES, JODHPUR	GENERAL OFFICER COMMANDING, NASIRABAD BRIGADE.	1	MAHAJIRAR —24 m Road defined	
		24 m	Heavy sand. A small village	
			<i>Water</i> .—Scarce and brackish, but procurable from neighbourhood	
			<i>Supplies</i> .—Scarce	
			THUN PHOE —10 m Road as above.	
		34 m	A small village.	
			<i>Water</i> .—Plentiful	
			<i>Supplies</i> .—Scarce	
		3	GURSAIB DANJO —24 m A sandy, level road. A small village.	
		58 m		
			<i>Water</i> .—Plentiful, from a well	
			<i>Supplies</i> .—Scarce.	

ATTENDANCE		No. of stage and total distance.	ROUTE No. 25.	
Off.	Military.			
RESIDENT, WESTERN RAJPUTANA STATES, JODHPUR. GENERAL OFFICER COMMANDING, NASIRABAD BRIGADE.		4	THUN CARDEEN—12 m. Road defined, out heavy across sandy desert.	
		70 m.	Water—Plentiful Supplies—Scanty.	
		5	JAISALMER—12 m. Road for 1st 2 m. over low grounds, then rocky across low	
		82 m.	ridges of hills A walled town and capital of State. Here route crosses Route No. XI from Juhulpur to Khetol, and No 21 from Deesa to Islampur. Camping Ground.—See route XI Water— Supplies.— } Abundant	
		6	BARA BASIMPIR—12 m. 4 f. A good sandy road.	
		14 m. 4 f.	Water.—A good tank dry in hot season. Ore well plentiful and deep. Supplies.—Moderate from a few shops.	
		7	CHANDUN.—14 m A good sandy road over the desert. At 11 m. pass Lodakur and fort.	
		103 m. 4 f.	Water—Good and plentiful from well and tank. Supplies.—A few shops.	
		11	LANTI.—13 m. 2 f. Road as above.	
		11 m. 6 f.	A good-sized village with sandstone fort in undulating desert. Water.—Good wells very deep. Supplies—Few shops.	

AUTHORITIES

Civil.

Military.

No
of
stages
and
total
distance.

ROUTE No. 25.

RESIDENT, WESTERN RAJPUTANA STATES, JODHPUR.

GENERAL OFFICER COMMANDING, MARSIRABAD BRIGADE.

9

135 m.

UDANEA.—13 m. 2 f. Road good, hard in parts and rocky. At 6 m. small Garhi; end of salt lake is close on right of road, and lake extends abo t 4 m N.-E., breadth 4 m.
Water.—One tank and a few rather deep wells; if these are dry, water from Pokaran (13 m).
Supplies.—From Pokaran.

10

148 m.

POKARAN.—13 m. Road good and hard, sandy in parts.

Water.—Good and plentiful from several tanks.

ay.

town enclosed by earth-work parapet.
 By route XI to Jodhpur (8 marches).

11

164 m.

KHARA.—16 m. At 6 m small tank right of road (Eka) Road at first rocky and sandy,

then good. A large village
Water.—Good and plentiful from several large tanks.
Supplies.—Abundant.

12

180 m.

PHALODI.—16 m. Road bad, very rough. Large city, good-sized masonry fort.

Camping Ground.—Good sandy plain.
Water.—A good tank S.-W.
Supplies.—Plentiful.

AUTHORITIES.		No of stage and total distance	ROUTE No. 25.
Civil.	Military.		
POLITICAL AGENT, BIKANER, AT BIKANER	GENERAL OFFICER COMMANDING, NASIRABAD BRIGADE.	13	BASS.—28 m. Road as above.
		203 m.	Small village on crest overlooking large extent of country. Cultivation extensive. Water.—Scarce in tank, but plentiful from some wells 3 f. to S. Supplies.—Plentiful.
		14	NOKRA.—15 m. At 8 m. pass large village of Serrud. Good road over undulating plain.
		223 m.	Small village Water.—Scarce in tank. Supplies.—Scarce.
		15	DIYATRA.—20 m. At 10 m. pass small village of Rahun-dera. Road fair.
		243 m.	Water.—A few wells rather deep and brackish. Several wells in bed of tank, S.-W. Supplies.—Plentiful.
		16	GUJNER.—16 m. Road fair. At 10 m. pass small village of Kolat; good tank.
		259 m.	Small village, with large lake. Cultivation and houses belonging to His Highness the Maharaja of Bikaner. Water.—Good from tank and well. Supplies.—Plentiful.
		17	BIKANER.—16 m. Road fair.
		275 m.	b, p o, i s, r. s. Here crosses route No. III from Fort St. George to Tochi Valley.

ARTICLE TYPE		No of stages and total distance	ROUTE No. 25.
Civil	Military		
POLITICAL AGENT, BIKANER.	GENERAL OFFICER COMMANDING, NASIRABAD BRIGADE		<p>Route 59 to Ferozpur .. 17 marches.</p> <p>By Route 61 to Firsā .. 11 "</p> <p>" 62 to Hissar .. 15 "</p> <p>" 68 to Jaispur .. 17 "</p> <p>A walled city, capital of State.</p> <p>Water.—</p> <p>Supplies.— } Plentiful.</p>
		13	<p>RAISAR.—12 m. A made road for 5 m. 6 f., then country cart-road.</p>
		267 m	<p>At 2 f. cross railway line; at 1 m pass Residency; at 3 m. a tank.</p> <p>At 3 m. 2 f. cross country cart-road from Udasar to Pankanuka; at 5 m 1 f. cross cart-road to garden At 5 m. 6 f. Runlisar.</p> <p>Country sandy, a small village.</p> <p>Camping Ground—About 50 yds. E.</p> <p>Water—Abundant from wells.</p> <p>Supplies.—Moderate.</p>
		19	<p>GOSHAINSAR.—10 m. A country cart-road.</p> <p>A small village.</p>
		297 m.	<p>Camping Ground.—W. and near village.</p> <p>Water.—One well</p> <p>Supplies—Scanty.</p>
		20	<p>PUNRASAR.—14 m. 6 f. Cross the cart-road from Sarera to Narwar at 3 m 1 f.</p>
		311 m 6 f.	<p>and from Anaspura to Sarera at 8 m. 1 f. country sandy and desert. Road as above.</p> <p>A moderate-sized village.</p>

AUTHORITIES.		No. of stations and total distance
Off.	Authority.	

ROUTE No. 25.

POLITICAL AGENT, DIKANER, AT DIKANER.	GENERAL OFFICER COMMANDING, NAIKIRABAD BRIGADE.		<p><i>Camping ground.</i>—E. near village and left side of road.</p> <p><i>Water.</i>—From a few wells.</p> <p><i>Supplies.</i>—On notice.</p>
		21	<p>DELVA—12 m. Pass Mankaratar at 4 m. 1 f. and Goshainsar (Bodis) with a small tank at 6 m 3 f.</p> <p><i>Country</i> as above; road as above.</p> <p><i>Camping Ground.</i>—About 300 yds. S.-E.</p> <p><i>Water.</i>—From a few wells.</p> <p><i>Supplies</i>—On notice.</p>
		22	<p>AMARSAR—18 m. Pass Ladrio at 4 m. 2 f. and Jalapsar at 8 m 3 f.—Country desert and studded with small sand hills.</p> <p>Road as above, heavy in places.</p> <p>A small village.</p> <p><i>Camping Ground.</i>—S. near village.</p> <p><i>Water.</i>—From 1 well.</p> <p><i>Supplies</i>—Scanty, procurable from neighbourhood.</p>
		23	<p>SARDARSHAHAR—16 m. Pass Rajasar p-o, t s, r s. at 8 m 4 f; Mitasar at 7 m., and 3 water hills to the right at 11 m.</p> <p><i>Country</i> as above, road as above.</p> <p>A large village.</p> <p><i>Camping Ground.</i>—About 100 yds. S.-W.</p> <p><i>Water.</i>—From a few wells.</p> <p><i>Supplies</i>—Abundant.</p>

ROUTE No. 25.

AUTHORITIES		No of stage and total distance.	
Civil	Military.		
POLITICAL AGENT, BIKANER, AT BIKANER.	CENTRAL OFFICER COMMANDING, NASIRABAD BRIGADE	24	KHEJRA —12 m. 4 f. Pass Hariasar at 4 m. 8 f. Cross the cart-road from Bajrasar to Thiriasar at 7 m. 1 f.; pass Aspalsar at 10 m. 1 f. Country as above; road as above. A small village. <i>Camping Ground</i> .—N.-E. near village and right side of road. <i>Water</i> .—From a few wells. <i>Supplies</i> .—On notice.
		370 m 2 f.	
		25	BILLIM .—12 m Pass Shimla at 6 m 1 f. and Bogera at 8 m. 6 f. Country partly open and partly small sand-hills. Country cart-road, sandy in places. A small village. <i>Camping Ground</i> .—About 100 yds. N.-E. and left side of road. <i>Water</i> .—From a few wells. <i>Supplies</i> .—On notice.
		383 m. 2 f.	
		26	SAIO —14 m. 4 f. Pass Deasar at 1 m. 7 f.; a well to the left at 3 m. Somisar at 4 m. 2 f. and across 2 cart-roads. Country as above; road as above. A moderate-sized village. <i>Camping Ground</i> .—N.-E. near village. <i>Water</i> .—From 1 well. <i>Supplies</i> .—On notice.
		393 m. 6 f.	

AUTHORITIES		No. of stage and total distance.	ROUTE No. 25.
Civil.	Military.		
POLITICAL AGENT, BIKANER, AT BIKANER DEPUTY COMMISSIONER OF HISAR	GENERAL OFFICER COMMANDING, KASIRABAD BRIGADE	27	KALOWAS —10 m. 4 f. Cross the cart-road from Gotra to Dhiru- was at 5 m. 1 f., pass Rangari at 7 m. 7 f. Country as before; road as above. A small village. <i>Camping Ground</i> .—S. near village. <i>Water</i> .—From 1 well. <i>Supplies</i> .—On notice.
		407 m 2 f.	
		28	BHINAEN .—16 m. 4 f. Pass Nundario at 4 m. 4 f.; Karara at 8 m. 3 f. and Anup- shahar at 13 m 3 f. Country sandy and desert. Road as above. A small village. <i>Camping Ground</i> .—E. of road. <i>Water</i> .—From 1 well. <i>Supplies</i> .—On notice.
		423 m 6 f.	
		29	BALSAMAND —16 m. 2 f. Road unmetalled d. and sandy; at 4 m 6 f. Jilpura; at 7 m. Bad- ler, at 11 m. 2 f Dabri, at 12 m 6 f. Majana on border of Bikaner territory. In 3rd Division To Umballa in 10 marches, distance 112 m. 6 f. To Hisar, 1 march, 16 m See Volume III of 1910, Route No. 60.
		440 m	

ROUTE No. 23.

FROM AHMEDABAD TO AGRA *via* NEEMUCH.

Length 660 m. 7 f.

51 marches.

Ahmedabad to Neemuch 1910; Neemuch to Agra 1910; Light Cavalry

February 1911.

Epitome.—Made road to Kiri (7 m. 2 f. beyond Harsol), the country cart-road to Kherwara, through sandy soil to 3 m. beyond Samera, then winds for 6½ m. among high rocky hills, ascending and descending and frequently crossing Wanjari river. From Kherwara made road (through hilly country to Udepur, not bridged) to Neemuch. This portion of road is out of repair, bridges broken and rest houses in ruins. Thence a metalled road to Ratangarh. Thence a track very bad in places and fit only for pack transport as far as Nimbela, where it becomes excellent. From Hindaun to Biawa it is metalled, then a good country cart-road to Kanna. The stage from Kanna to Fatehpur Sikri is bad. After that a good metalled road to Agra. Water everywhere procurable. Notices should generally be given for supplies.

AUTHORITIES		No. of stage and total distance.	ROUTE No. 23.
Civil.	Military.		
POLITICAL AGENT IN MAHIKANTHA, AT RADRA.	GENERAL OFFICER COMMANDING, 5TH (MHOV) DIVISION.	1	DEHEGAM. —15 m. 11 f. At 3 m. 3½ f. pass <i>the G. R. S.</i> Naroda (R. S. Pranti line); at 5 m. 4 f. Narodanopura, about 2½ f. to right; at 6 m. 7½ f. Anasan; 8 m. 4 f. Raipur; 8 m. 6 f. cross Khari river, 66 yds. wide, bed sandy, banks low, easy for carts; at 10 m. 5½ f. Sonarda. Country open and cultivated. Large village with dharmshala. <i>Camping Ground.</i> —250 yds. W. of village. <i>Water.</i> —From wells and tanks. <i>Supplies.</i> —From 150 shops.
		15 m. 6 f.	

AUTHORITY.		No. of stage and total distance.	ROUTE No. 23.
G-1	MILITARY.		
POLITICAL AGENT IN MAHIS KANTHA, AT SADRA.	GENERAL OFFICER COMMANDING, 5TH (MHOW) DIVISION.	2	BORIA BECHRAJI. —10 m. 2 f. At 5½ f. pass Paha; at 1 m. 1½ f. temple and tank; at 5 m. 1½ f. Jahamath; at 6 m. 3½ f. Rakhial (i. e. Prantij line); 265 houses and 6 shops. Country as above.
		23 m.	
		3	HARSOL. —10 m. At 4½ f. pass Wajapar; b. p. o. at 1 m. 7½ f. Ujeria; 3 f. to left (10 shops and police thana) 2 m. ¾ f. cross Luni river (bridged); at 2 m. 2½ f. Nawawas, 2 m. 5½ f. Siholi Nani, 3 f. to left; 3 m. 6½ f. Salatpur; at 8 m. 1½ f. village of Harsol, 800 houses, 75 shops about 4 f. to right on right bank of Meswa river; at 8 m. 4½ f. road from Prantij joins on left; at 8 m. 7 f. cross Meswa river by a bridge to Tajpur. Formerly a large cantonment, now a small Bazar; 2 dharmshalas, police station.
		26 m.	
		4	DHANKROL AND BAYEL. —10 m. 6 f. At ½ m. 6 f. Nana Chokla; at 6 m. 5 f. Pusi; at 7 m. 2 f. Kiri, small villages. Country jungly, with fields near village.
		4½ m. 6 f.	

AUTHORITIES.		No of stage and total distance.	ROUTE No. 26.
Civil.	Military.		
POLITICAL AGENT IN MAHI KANTHA, AT SADRA.	GENERAL OFFICER COMMANDING, 5TH (SHOW) DIVISION.		<p><i>Camping Ground.</i>—1,320 yds. ■ -W. of village and near tank, not demarcated. <i>Water.</i>—20 wells and tanks. <i>Supplies.</i>—From 5 shops.</p>
		5	<p>BAKROL—10 m. 4 f. At 2 m. pass Itari: 4 m. 3½ f. Lambhoi; 7 m. Bhayadia (32 huts and a well); 8 m 1½ f. Bakhual; 9 m 2 f. Vaghpur. Cross several nalas in this march, all easy for carts. Country from Bakhual hilly and jungly. 250 houses on the S. bank of the Majham river, a letter box. <i>Camping Ground.</i>—600 yds to N.-E. of village, fallow and kept clear of brushwood. <i>Water.</i>—From Majham river and wells plentiful. <i>Supplies.</i>—From 15 shops</p>
		57 m. 2 f.	
		6	<p>TITOL—6 m 1 f. Cross the Majham p. a. river at Bakrol 17 yds. wide, bed sandy banks low; at 1 m. 7 f pass Isrol Nani 50 huts and 2 wells; at 3½ f. Jivanpur. 27 huts and a well. Country rocky jungle. 800 houses and dharmasala. <i>Camping Ground.</i>—S.-W. of village N. of the dharmasala, 2 boundary pillars only (on N. side). <i>Water.</i>—15 wells; one on camping ground has fallen in. <i>Supplies.</i>—From 60 shops.</p>
		63 m. 3 f.	

ATTRIBUTES.		No. of stages and total distance	ROUTE No. 23.
Q-1.	MIN-istry.		
POLITICAL AGENT IN MAHAKANTHA, AT SADRA GENERAL OFFICER COMMANDING, 5TH (MHOW) DIVISION.		7	SAMERA —11 m 1 f. At 2 m 6 f. pass Khodamba, 176 houses; at 4 m 3½ f. Rampur, situated on the banks of the Meswa river which is crossed here, at 6 m 1½ f. recross the river to a chauki of 3 sepoy's from Idar; at 6 m 6½ f. cross the river to Samlaji, a Hindu temple, at which an annual fair is held, attended from all parts of Gujrat; a few huts, a dharmasala, and a large tank of good water which never fails, at 8 m. 4½ f. Venpur and at 9 m 1½ f. Vaktapur, small villages, and cross the Meswar river to Samera.
		74 m. 4 f.	The river is crossed 4 times in this march about 6½ m. to be taken by 1 tank by the way, and for the banks of the river, not demarcated. <i>Water</i> —From wells and Meswa river. <i>Supplies</i> —20 shops.
		8 86 m 1 f.	BECHIWARA —11 m 3 f. At 2 miles 4½ f. pass Ratanpur, 14 houses; at 3 m 7½ f. Khajuri; at 6 m 2½ f. Lasana, at 9 m 4½ f. Dhamod, all small Bhil hamlets. From Ratanpur the road gradually ascends through the Bechiwara pass along the course of the Wanjari river to the table land of Meywar at Dhamod, cross the Meswa river twice after leaving Samera; country hilly and jungly. 250 houses

AUTHORITIES.

Civil

Military

No.
of
stage
and
total
distance.

ROUTE No. 26.

T. A. IN MAHAKANTHA,
AT SADRA.

RESIDENT, MEWAR, AT UDEPUR.

GENERAL OFFICER COMMANDING, 5TH (MHOW) DIVISION.

9

103 m.
8 f.

Camping Ground.—530 yards to S. of village and
res. well.

Water—13 wells

Supplies—25 shops.

KHERWARA.—16 m 2 f. At 1 m. 1½ f. pass
b, p-o.

Nawangan, 30 houses;

at 1 m. 7½ f. Sonia-

wara tank, about 4 f. to the left; at 3 m. 2½ f.

Rampur Bara its, small Bhil hamlet; at 5 m.

3½ f. Ambar; at 7 m 5 f. Bokhala, both small

Bhil hamlets; at 9 m 7½ f. Sisodh, 70 houses;

water from nala; at 12 m. 6½ f. Warden Tal, a

Bhil hamlet, cross several nalis in this march,

some difficult for carts; country hilly and jung-

ly, 200 houses, 1 dharmasala and an old fort.

The headquarters of the Mewar Bhil Corps.

Camping Ground—310×270 yards, parade

ground of Mewar Bhil Corps, S.W. of the

cantonment on the bank of the Godavari

nala

Water—Abundant from wells and nala.

Supplies—Abundant.

By route 52 to Idar (5 marches).

By route 54 to Mt. Abu (7 marches).

10

111 m.
4 f.

RIKHABDEO or RIKHABNATH.—9 m. 1 f.

at 2 m. 4 f. Khendar

Obri, Bhil hamlet;

good tank, both sides of road; at 6 m. pass

Divers; at 6 m. 4 f. cross the Son river, 80

yards wide, bed stony, banks sloping, diffi-

cult for heavy loaded carts; at 7 m. 3 f.

Bhilkhai; country as before.

AUTHORITIES.		No. of state and total distance.	ROUTE NO. 23.	
C.P.	Secy. tary.			
RESIDENT, MEWAR, AT UDEPUR.		GENERAL OFFICER COMMANDING, 5TH (MHOW) DIVISION.		
		11	<p>500 to 800 houses, a large dharmshala and a celebrated temple, surrounded by a stone wall, about 2 f. to the right on the E. bank of the Kuval nala.</p> <p><i>Camping Ground</i>—350 yds. to W. of town on the W. bank.</p> <p><i>Supplies</i>.—50 shops.</p> <p><i>Water</i>—From wells and Kuval nala.</p>	
		1 1 m 5 f.	<p>PARSHAD—10 m 1 f. At 5 m. 5½ f. pass Pipal, 150 houses scattered over 3 m.</p> <p>At 8 m 6½ f. cross the Kuval nala unbridged, country up to Pipal. teak forest, afterwards more open with crops. Road metalled and bridged except at 2 nalis near Parshad, one near bungalow impassable for transport after heavy rains. 150 houses, dharmshala.</p> <p><i>Camping Ground</i>.—240×210 yards, 350 yards to W. of the village near bungalow, shut in by scrub and cultivation; not demarcated.</p> <p><i>Water</i>—From 3 wells 1½ f. deep and a nala.</p> <p><i>Supplies</i>—Scarce, 4 shops.</p>	
		12	<p>TIRI—10 m 6 f. At 2 m 7½ f. pass Baly, 60 houses, water from nala and 2 wells; at 7 m 6 f. Paduna, 150 houses stretching over more than 3 m. of country, water from nala and 2 wells.</p> <p><i>Country</i>—hills, crops and jungle.</p> <p><i>Camping Ground</i>.—200 yds. to W. of village in cultivated fields, on the banks of the nala, not demarcated.</p> <p><i>Water</i>—From nala and wells.</p> <p><i>Supplies</i>—From lawar, 2 m. N.-E. 60 houses.</p>	
		132 m 3 f.		

AUTHORITIES.		No. of stage and total distance	ROUTE No. 26.
Civil	Military.		
RESIDENT, MEWAR, AN UDEPUR.	GENERAL OFFICER COMMANDING, 5TH (MHOW) DIVISION.	13	KAYA. —10 m. 4 f. At 2 m. $\frac{1}{2}$ f. pass Barikul, a small hamlet; at 4 m. 4 f. Bara Pal, a Bhil hamlet; 4 wells, 2 shops, and travellers' bungalow; large tank, 200 yds. N. Country hilly and partly cultivated. 6 wells, 4 shops 100 houses <i>Camping Ground</i> —20 yds. to E of village, on the W bank of nala which has water up to March <i>Water</i> —6 wells <i>Supplies</i> —From Udepur
		142 m. 7 f.	
		14	UDEPUR (EAST OR SURAJPAL GATE) b. p. o. t s 10 m 1 f At 4 m. 7 $\frac{1}{2}$ f. pass Dalicha, 30 houses, and a large tank called Jogi Talao, now dry At 6 m 2 $\frac{1}{2}$ f. Lewali, 15 huts; at 7 m 4 f. Gordhar. Ruas, a few huts, 3 shops and a dharmasala and Raja's palace. Country hilly, road metalled and bridged throughout. Country hilly and some cultivation. Railway to Chitorgarh, metre gauge A large walled town, population 45,000, situated on the E. bank of a fine lake among mountains; the residence of a Rajput prince and of the Resident in Mewar. The walls and works are in a very dilapidated state; a small detachment of the Mewar Bhil Corps is located in the town <i>Camping Ground</i> .—48,450 sq yds. 1 m. $\frac{1}{2}$ f. E. of town, in fields near the dharmasala, where the road to Neemuch turns to the right. <i>Water</i> .— } Abundant. Transport available. <i>Supplies</i> .— } By route 55 to Ajmere (15 marches).
		153 m	

ATTACHMENTS.		No of stages and total distance.	ROUTE No. 26.
Genl	Military.		
RESIDENT, MEWAR, AT UDEPUR.	CENTRAL OFFICER COMMANDING, 5th (MROV) DIVISION	15	<p>DARAULI—15 m 4 f. At 1 m. 2 f. pass a Serai on the right and some huts on the left; at 2 m. 1 f. Sunderwas, well with trough; at 5 m. 2 f. Debari, 10 huts; at 7 m. 1 f. Debari gate and chauki; at 9 m. Lala-ka-Sarai; at 11 m. Dabok, travellers' bungalow on right and road to Naramgara (a hunting village of His Highness the Maharaja of Udepur, 4 m. N) branches off to the left; at 11 m. 5 f. a chauki. Country hilly up to Debar gate, thence open. Road good metalled and bridged.</p> <p><i>Camping Ground</i>—1 m. to E. of village, on both sides of road near, 17th M-S</p> <p><i>Water</i>—From 20 wells and a tank</p> <p><i>Supplies</i>—Procurable 10 shops</p>
		168 m. 4 /	
		16	
POLITICAL AGENT, MEWAR, AT UDEPUR.	G O C, NASIRABAD BRIGADE	180 m.	<p>MINAR.—11 m. 4 f. At 6½ f. Bharasa, 25 houses, at 4 m. 5½ f. Bhatowar, 100 houses, 5 shops, 10 wells and a tank. Country open, Road in bad repair.</p> <p><i>Camping Ground</i>.—56,000 sq. yds. 1 m. to N.-W. of village on N. side of road.</p> <p><i>Water</i>.—53 wells, 30 feet deep and 2 tanks N.-W. and S.-W. of village.</p> <p><i>Supplies</i>.—Procurable, 100 houses.</p>
		17	
		192 m.	
			<p>MANGARWAR.—12 m. At 2 m. 7½ f. pass b. (in ruins). a well; at 4 m. 4½ f. another well; at 5 m. 6½ f. Bargaun, at 6 m. 2½ f. a well; at 9 m. 3½ f. Radjakakhera; at 10 m. 1½ f. Bilakhera. Country open and cultivated; road as above.</p>

AUTHORITIES		No. of stage and total distance	ROUTE No. 26.
Civil.	Military		
POLITICAL AGENT, MEWAR, AN UDEPUR.	GENERAL OFFICER COMMANDING, MASHWARAD BRIGADE.		Road branches N. to Chitorgarh from here. <i>Camping Ground</i> .—310×250 yds., 1 m. to N. of village. <i>Water</i> .—5 wells, 30 ft. deep and a tank. <i>Supplies</i> .—Abundant. 20 shops.
		18	MINDANA OR NIMDANO.—13 m. 4 f. At 1 m. 3 f. cross the cart-road from Mangarwar
		203 m. 4 f.	to Morwar, at 2 m. 1 f. Lakhmipura, 6 houses; at 7 m 2 f Chukara, 225 houses, 6 shops; cross route 56 from Neemuch to Ennpura; at 8 m 5 f. cross the old cart-road track to Neemuch, at 8 m 6 f. Napauli, 2 houses and a chauki, at 10 m cross the Dagan river, 50 yds. wide, banks steep, bed gravelly, not fordable in heavy rains. Transport carts should cross by making a detour 3 m to S at all seasons. Road in. bad repair, culverts and bridge broken down. 25 houses, situated at the foot of a small hill. <i>Camping Ground</i> .—50 yds. to the N. of village on the left bank of nala. <i>Water</i> .—4 wells, 8 ft. deep and Gangli nala. <i>Supplies</i> .—From Nikam, 2 m. S.
		19	NIMBAHERA.—12 m. 1 f. At 1 m. 5½ f. b., p.o., l.e. r.s. cross Gangli nala by stone bridge; at 3 m.
		217 m. 5 f.	1½ f. Deolheri, 10 houses; at 4 m. 4½ f. Doria, 30 houses; at 6 m. Kachrahedi, 8 houses; at 8 m. Diawa. Road unmetalled and as above.

REGIMENTS		No of squares and total distance	ROUTE No. 26.
Civil	Military		
GENERAL OFFICER COMMANDING, MASHHAD BRIGADE			<p>A walled town with inspection bungalow. <i>Camping Ground.</i>—105,000 sq. yds, 210 yds to N.-W of town close to travellers' bungalow. <i>Water.</i>—From tank and 12 wells 32 ft. deep. <i>Supplies.</i>—Abundant from a large bazar. Transport available. By route 57 to Jodhpur (15 marches). By route III to Nasirabad (11 marches).</p>
		20	<p>NALAGAON—7 m 2 f.—At 1 m. 2 f. cross the (Khenasapura, r. s.) Katmali nala to Kalanapura, 66 yds. wide, bed sandy, banks high, fordable a day or so after heavy rains; at 2 m. 7½ f. pass Piphan and Jahan on the left, road unmetalled up to Katmali nala. About 300 houses, and a small dharmshala (not now used) <i>Camping Ground.</i>—210 yds. S. of village. <i>Water</i>—9 wells, 40 ft. deep. <i>Supplies</i>—Very scarce, 5 shops; transport available.</p>
		224 m 7 f.	
GENERAL OFFICER COMMANDING, NEEMUCH		21	<p>NEEMUCH.—7 m. 7 f. At 2 m. 2 f. a chauki b., p.o., l.s., r.s. on the right and Kandhan on the left, at 3 m. 4 f. Sagraha, at 4 m. ¾ f. a well, at 5 m. 1½ f. Dungalada, at 6 m. 3½ f. a chauki and temple where the road to the town of Neemuch branches off to the left, at 6 m. 4½ f. Kansuti. <i>Camping Ground.</i>—N.-E. of Church of England. <i>Water.</i>— <i>Supplies.</i>— } Plentiful.</p>
		232 m. 6 f.	

AUTHORITIES.		No. of stage and total distance	ROUTE No. 26.
Civil.	Military		
POLITICAL AGENT, MALWA, AT NEEMUCH.	GENERAL OFFICER COMMANDING, NASIRABAD BRIGADE		By route III to Mhow (16 marches). By route 34 to Goona (16 marches).
		22	NORWAN. —14 m 2 f. At 2 m. 1 f. cross the cantonment boundary near Neemuch city;
		247 m.	at 4 m. 6 f. pass Malkhera, at 7 m. 2 f. Newar; at 9 m. Napanio; at 10 m. Semli, 10 wells; at 12 m. 2 f. Sarwanis. Cross several nalas in this stage. Road unmetalled. Moderate-sized village situated on the right bank of Gumeri nala. Camping Ground.—Rough and to the N.-E. Water.— } Abundant. Supplies.— }
		23	DEKAM. —10 m. 1 f. At 1 m. cross the Gumeri river; low banks, bed rocky
		257 m. 1 f.	at 3 m. 5 f. Daroli; at 9 m. 2 f. Barampura; very little cultivation and patches of jungle; road unmetalled and bad after Gumeri river; a large village. Camping Ground.—N.-E. and near tank. Water.— } Abundant. Supplies.— }
		24	RATANGARH. —7 m. At 6 m. 3 f. a road to right over Gunjali river, by bridge partially broken down; at 6 m. 7 f. crosses the Gunjali river by ford, at the foot of Ratangarh; country open. Rough and stony cart-track.
		264 m. 1 f.	

ACTIVITIES

Inf.

MILITARY

No of stage and total distance.

ROUTE No. 26.

P. A., MALWA, AT NALPACH.

GENERAL OFFICER COMMANDING, NARSIRABAD BRIGADE

P. A. IN UDEPUR.

A large village with a hill fort in ruins, situated on the Gunjali river.

Camping Ground.—S.-W. or on the N. at the top of hill.

Water — } Abundant.
Supplies.— }

25

SINGOLI—16 m. The road passes over a ghat of easy gradient about $\frac{1}{2}$ m. long

280 m.
1 f.

On the summit is the hill fort of Ratangarh, now in ruins, at 1 m. road to Begum branches off to left, pass Umar, Umedpura, Khara, Patan, Talai, and Balucha, small villages on route at 15 m. 4 f. cross the Bamni river 95 yds wide, bed stony, fordable except in rains, at 15 m. 5 f. road to Begum branches off to left. Cross several nalas in this stage, country undulating and jungly. Rough stony cart-track.

Here a road branches off to E to Kotah, 45 m.

A small walled town situated on the Bamni river

Camping Ground—W. near bungalow, or N.-E

Water—Abundant.

Supplies.—On notice.

26

GUDHA.—13 m. 4 f. At 7 f. pass Sabalpura; at 11 m. 1 f. Pousria; at 5 m. 4 f. Lalgang

293 m.
5 f.

and commence the ghat, which is steep and stony, difficult for pack transport; at 7 m.

AUTHORITIES		No of stage and total distance	ROUTE No. 26.
Civil	Military		
P. A. HARAUTI AND TONK, AT DEOLI.	P. A. IN UDEPUR.	GENERAL OFFICER COMMANDING, NASIRABAD BRIGADE.	<p>11 f. Kasra; at 11 m. Banitalao. Country for 1 m. open, thence jungly, hilly and undulating. Cross several nalas (small) with rough beds. Rough cart-road, soil hard and rocky in parts.</p> <p>A few shops; small village.</p> <p><i>Camping Ground</i>.—S. and near village.</p> <p><i>Water</i>.—From Gera nala and 6 small wells; difficult to water animals.</p> <p><i>Supplies</i>.—Scarce.</p>
			<p>27</p> <p>PALKA.—12 m. At 3 m. 1 f. Lamakho; at 3 m. 4 f. cross the Gera river, with low banks and rough bed, dry in cold weather, but unfordable in rains, at 4 m 1 f. Ganesh-pura; at 7 m 2 f. Dabi. Country as above. Road as above.</p> <p>Few shops and small village.</p> <p>Relo communication with Bundi possible.</p> <p><i>Camping Ground</i>.—N. and near village.</p> <p><i>Water</i> — } A few shops and wells, but water</p> <p><i>Supplies</i>.— } and supplies scarce.</p>
			<p>28</p> <p>NIMANA.—12 m. 1 f. The road passes over low hills, up to Laen; at 10 m. cross several nalas with stony beds. Country hilly and jungly. Road dusty cart-track, red soil, a moderate-sized village.</p> <p><i>Camping Ground</i>.—N. of village to top (1 Regiment Cavalry)</p> <p><i>Water</i>.—Abundant.</p> <p><i>Supplies</i>.—On notice.</p>

ROUTE No. 26.

AUTHORITY.	No of stages and total distance	
Civl.	Mili- tary	
POLITICAL AGENT, HANAUT AND TONK, AT DEOLI. GENERAL OFFICER COMMANDING, JAISRAHAD BRIGADE		
		29
		327 m. 7 f.
		<p>BUNDI—10 m. 1 f. At 1 m. 3 f. pass Baori po, ts, b. khera; at 3 m. 1 f. Blumpura; at 3 m 5 f. cross the Sukh nala with high banks, unford- able in rains, at 4 m. 6 f. Silar, a large village at 4 m. 7 f. cross the nala to Kachipura Country open and well cultivated. Dusty cart-track with deep ruts Soil mixed and sandy A large walled town, capita- of the Bundi State, with a strong hill fort by name Taragarh, on the Bundi-Aravalli range. Here crosses Route XI to Deoli (2 marches), to Kotah (2 marches) Camping Ground—S.E. or S.W. near guest house Water— Supplies.— } Abundant</p> <p>DABLANA.—10 m. At 1 m. from Bundi in a pass protected by a gateway and high stone wall Near Jinwas at 3 m. is another; the wall is loopholed, and built up by the sides of the hill on both flanks; at 8 m. Neagaon; at 9 m 5 f. cross the Mej nala to Dablana Cart-road for 4 m. stony, winding between ranges of hill, in some parts forming narrow gorges. Afterwards over black soil and good. A small village Camping Ground.—On the bank of Mej nala. Water—Abundant. Supplies—Moderate.</p>

AUTHORITIES		No of stage and total distance	ROUTE No. 26.
Civil.	Military		
POLITICAL AGENT, HARAUTI AND TONK, AT DEOLI.	GENERAL OFFICER COMMANDING, NASIRANAD BRIGADE.	31	DUNGARI. —12 m. 4 f. At 5 m. 4 f. pass Bal; at 5 m. 6 f. cross Ra'aen Nala, fordable; at 6 m. 1 f. Ranipura at 9 m. Sorana. Country open and much cultivated at first, the last 1 m. rocky and hilly. Road fair, last 3 m. rocky and hilly. A large village <i>Camping Ground.</i> —E. among trees and near lake <i>Water.</i> —From well and a large lake. <i>Supplies</i> —Abundant.
		350 m. 3 f.	
		32	NAENWA. —8 m. At 2 m. pass Deori; at 4 m. Khanpur; country undulating and covered with jungle. Road tolerable. Rocky and uneven to Khanpur. A small town surrounded by a high and strong wall with bastions. <i>Camping Ground.</i> —N.-W. near tank. <i>Water</i> — } Abundant. <i>Supplies</i> — }
		358 m. 3 f.	
		33	NAGAR —10 m. At 3 m. Shaino; at 5 m. Darpur, at 1 m. Shuntah. Country jungly. Road tolerable. A fortified town. <i>Camping Ground.</i> —To N. <i>Water.</i> — } Abundant. <i>Supplies.</i> — }
		368 m. 3 f.	
		34	NIMBOLA. —11 m. Road fair, passing range of hills at 3½ m. at 4 m. pass Banar river. Country open and cultivated. Here cart-track to Tonk 11 m. and Jeypur branches off to left.
		379 m. 3 f.	

ROUTE No. 23.

ATTENDANTS

Cpl. Mtlary

No.
of
stages
and
total
distance

POLITICAL AGENT, HARAUTI AND TONK, AT DROOL.

GENERAL OFFICER COMMANDING, NAURAHAD BRIGADE

35

387 m.
7 f.

A moderate sized village.
Camping Ground.—To S.-W. and near village.
Water.—From few wells.
Supplies.—On notice.

BHAMBOR.—8 m. 4 f. Excellent cart-road
 over level country, at
 2 m. 6 f. pass Ainia

at 6 m. Nageon.

A small village

A large town of Tonk is about 6 m. N.-W.
 of it.

Camping Ground—E. near village and side
 of road

Water—Plentiful and good.

Supplies.—Procurable from Tonk.

36

399 m.
3 f.

SEWAR.—11 m. 4 f. 1 m. 4 f. Halpura
 and cross the nala;
 at 7 m. cross

the Banas river at Mandura ghat, and 700
 yds. wide and sandy, stream during dry
 months from 20 to 30 yds. wide and from 1
 to 1½ ft. deep, 1 ft. bank low, right bank high
 and stiff pull for carts. Country as above.
 Good cart-road.

A large village and hill fort.

Camping Ground.—About 300 yds. N.-E.

Water.— } Plentiful

Supplies.— }

37

413 m.
3 f.

PIPARWARA.—14 m. At 2 m. 4 f. pass under
 hill fort of Sarsop; at
 8 m. 4 f. cross dry
 bed of Dhill river, 100 yds wide. Approaching

ROUTE No. 26.

AUTHORITIES		No of stage and total distance	
Civil	Military.		
RESIDENT AT JAYPEUR.	POLITICAL AGENT, HARAUTI AND TONGYAT DEHLI		<p>Piparwara there is a jheel on l-ft of road for some distance. Country undulating and bare. Road excellent.</p> <p>A small village.</p> <p><i>Camping Ground.</i>—S on left bank of jheel.</p> <p><i>Water.</i>—From wells.</p> <p><i>Supplies.</i>—On notice.</p>
		38	<p>CHORMALARNA.—12 m. At 1 f. cross jheel; at 2 m. pass Hindupura; at 5 m. 2 f. Harzota; at 5 m. 1 f. Harzoti; at 7 m. Diota and Gadota. Cross 3 small nallas in this stage. Country undulating and bare. Road at first sandy, afterwards good.</p> <p>A middling village surrounded by a mud wall and ditch and having a mud gharri inside, all in a state of decay.</p> <p>Joins route 69 from Nasirabad (10 marches).</p> <p><i>Camping Ground.</i>—S.E. and near village.</p> <p><i>Water.</i>—From wells.</p> <p><i>Supplies.</i>—On notice.</p>
		425 m. 3 f.	
RESIDENT AT JAYPEUR.	GENERAL OFFICER COMMANDING, NASIRABAD BRIGADE	39	<p>BALODA.—8 m. 6 f. At 5 m. 2 f. pass Phulsoat on the right bank of the Moril river, which is crossed here, dry sandy bed, nearly a mile wide. Hills right and left at a distance. Country as above. Road very good.</p> <p>A small village surrounded by a dilapidated mud wall and ditch.</p> <p><i>Camping Ground.</i>—100 yds. E. on right bank of nall.</p> <p><i>Water.</i>—From a few wells.</p> <p><i>Supplies.</i>—Scanty.</p>
		434 m. 1 f.	

ACTIVITIES.		No of stages and total distance.	ROUTE No. 26.
Civ.	Milit- ary		
RESIDENT AT SEAFUR. GENERAL OFFICER COMMANDING, NASIRABAD BRIGADE.		40	MINAPARA. —6 m. 4 f. At 5 m. 4 f. cross the Khari river, 150 yds. wide; small rill of water in dry season. Country as above. Road excellent, approaches the hills on left. A small village.
		440 m. 5 f.	<i>Camping Ground.</i> —S on the right side of the road. <i>Water.</i> —Plentiful from wells and Khari river. <i>Supplies.</i> —Nil.
		41	GANGAPUR. —8 m. 7 f. At 6 m. 7 f., and 8 m. 1 f., cross nalas, fordable, pass a few small villages in this stage. Country as above, road good.
		449 m. 4 f.	A large town and good bazar, enclosed by mud wall and ditch. From Gangapur to Hindustan this route passes the Bombay, Baroda and Central India Railway (broad gauge) from Nagda to Muttra. <i>By route 69 to Gwahor</i> (10 marches). <i>Camping Ground</i> —N. near town. <i>Water</i> —Plentiful from wells. <i>Supplies.</i> —Procurable.
		42	UZERPUR —11 m. 6 f. At 1 m. 8 f. pass Baroda, at 3 m. Banega, at 6 m. Chauri; at 9 m. 6 f. Saroti. Cross few small nalas in this stage. Country open and level. Road good. The last mile heavy.
		431 m. 2 f.	A moderate-sized village. <i>Camping Ground.</i> —E. and near village. <i>Water.</i> —Plentiful from wells. <i>Supplies.</i> —Procurable.

ROUTE No. 26.

AUTHORITIES

Civil

Military

No
of
stage
and
total
distance

RESIDENT AT JYOTUR.

POLITICAL AGENT, E. RAJPUTANA STATES,
DIROIPUR.

GENERAL OFFICER COMMANDING, KASHEBAD BRIGADE.

43

469 m.
1 f.

KATKAR.—7 m. 7 f. At 3 m. 7 f. Kasar.
Cross the Panchai river
near Katkar, bed 100
yds. wide, sandy, and dry for about 8 months
in the year. Country open and bare.
Good unmetalled road, small village.
Camping Ground—N.-E. on left side of road.
Water.—A few pakka wells.
Supplies.—A few shops.

44

430 m.
2 f.

HINDAUN—11 m. 1 f. At 8 m. 2 f. pass
d., p a., L s., r s.; Khara; at 4 m. Kach-
raoti, at 5 m. 2 f. Phul-
wara; Hills at 2 or 3 m. to the right
Country open and partly cultivated.
Road as above A large town.
Camping Ground—About 1 m S.
Water.— }
Supplies.— } Abundant.

45

483 m.
6 f.

SUROTI—8 m. 4 f. At 3 m. 4 f. cross the
Arini, dry immediately
after rains; bed sandy;
at 5 m 6 f. pass Dhandora. Country ill-
cultivated and sterile. Road metalled and
good. A large village and bazar enclosed by
mud wall and ditch
Camping Ground.—To N.-W.
Water.— }
Supplies.— } Abundant.

43.

500 m.
5 f.

BIAWA.—11 m. 7 f. At 5 m. 2 f. cross the dry
bed of the Gambhir
river; heavy sand;
ridge of hill to the right about 3 m. distance;

SECURITIES.

Civil
MilitaryNo.
of
stages
and
total
distance

ROUTE No. 23.

POLITICAL AGENT, E RAJPUTANA STATES, DHOLPUR

GENERAL OFFICER COMMANDING, NASIRABAD BRIGADE

at 8 m 7 f. Pali Shehzad. Country much cut up by ravines and very partially cultivated. Road as above.

A large town at the foot of an extensive fortified hill of same name which is on left of the road, and with a chain of hills stretching off from it in a westerly direction.

Water.— }
Supplies — } Plentiful.

47

510 m
5 f.

RUDAWAL—10 m. At 1 m, cross the p.o.

Gambhir river, fordable except in rains, at 1 m 2 f.

pass Singhara, at 2 m. Brimband; at 4 m. 2 f. cross Kakand river; at 5 m. Naroh ridge of hills nearly parallel to the road. Country cultivated. Good country cart-road.

A good-sized village

Camping Ground—Fair about 400 yds. N.-W. of village

Water—Good, from wells;

Supplies—On notice

48

520 m.
5 f.

KANUA.—10 m. At 2 m. Rasulpur; at 5 m. Dahana, at 7 m 4 f.

cross the Gambhir

river, bed heavy sand. Country cultivated. Road as above. A large village

Camping Ground—S. of village on partly cultivated land.

Water—From wells near camping ground.

Supplies—On notice.

AUTHORITIES		No of stages and total distance	ROUTE No. 25.	
Civil	Military			
P. A. E. RAJPUTANA, COLLECTOR OF AGRA. STATES. DUOLFUR.	17TH (MELNAUT) DIVISION H Q. C. NASIRABAD BRIGADE	49	FATEHPUR SIKRI—8 m. Road at first b. p. a. sandy and heavy. From Mandi, 4 m 5 f. very rough to 8 m. 1 f. when it passes through bazar and is paved. For last 7 f. metalled.	
		528 m. 5 f.		
		50	MIRKAKUR —11 m. 6 f. } In 7th (Meerut) Division.	
		540 m 3 f.		
		51		
		550 m. 7 f.	AGRA —10 m 4 f.	

ROUTE No. 27.

FROM JHILWARA TO ERINPURA.

Length 45 m.

4 marches.

Authority and date (month and year).—Officer Commanding
43rd Erinpura Regiment, January 1914

Notes.—General direction W. This route connects routes 56 and 7 with Main Route X. The Desuri pass is impassable for wheeled traffic during, and for some time after, the rains, and is very difficult at any time of year. No camel transport can be obtained locally on this route while wheeled transport can be obtained on the Marwar or Western side of the pass only. Supplies are available on notice.

INTERVIEWS		ROUTE No. 27.	
Order	Military	No of stage and total distance	
RESIDENT, W. RAJPUTANA STATES, JAIPUR. R. NEWAR, AT DESURI.	G. O. C. NASTIRABAD BRIGADE		JHILWARA — See route 57, stage 7.
		1	DESURI — 9 m. Road at first very rough, especially in the pass between m 2 and m 5 where the surface is constructed of boulders which are washed loose in the rains, any repairs carried out are executed by the local bunnias. At 5 m cross the boundary between Mewar and Marwar, when the road becomes broad and level with a comparatively smooth surface.
		9 m	Camping Ground — Good, N. of village, on the Somer Road. Water — From wells and tank. Supplies — Abundant.

AUTHORITIES		No of stage and total distance	ROUTE No. 27.
Civil.	Military		
RESIDENT, W. RAJPUTANA STATES, JODHPUR.	G. O. C., NASIRABAD BRIGADE	2	MUNDARA —14 m (Mundato on Survey Map) good cart-road. Country somewhat broken between Ganerao and Sotara ka Godha. Pass Ganerao, large walled village with abundant supplies; Sotara ka Godha very small village and cross the Magair at Mado, a Brahmin village. A large village <i>Camping Ground</i> —Unlimited, W. of village. <i>Water</i> —A large tank and numerous wells. <i>Supplies</i> .—Abundant
		23 m.	
		3	PERUA —12 m Good cart-road At 6½ m. Bah, a large village. Headquarters of Mukhmat and of Jodhpur I S Cavalry Regiment. A small village <i>Camping Ground</i> —Close to village, unlimited. <i>Water</i> .—Good, from one well; also a small tank, dry at end of cold weather. <i>Supplies</i> .—Available
		35 m.	
		4	ERINPURA .—11 m.—Good country cart road Cross the Jawai river at end of stage. On Route X. (See Route X. stage 30.)
		43 m.	

ROUTE No. 28.

FROM BARODA TO RUTLAM.

Length 171 m. 3 f.

16 marches.

Authority and date (month and year).—

Etymology—General direction E.-N.-E. Indifferent and sandy cart-road for about 26 m.; then good road, made or metalled, as far as Dohad. After Dohad the road is bad, though passable throughout by wheeled traffic; impracticable for motors. Supplies (on notice) and water obtainable throughout; forage obtainable everywhere.

AUTHORITIES.		No. of stage and total distance.	ROUTE No. 28.
Civil	Military.		
COLLECTOR, PANCH MAILALS AT GODHRA. QUARTERMASTER GENERAL, 5TH (MHOW) DIVISION.		1	BARODA.—See route No. X, stage 6. <i>h., p. G., f. S., & C.</i>
		11 m	KANROL—11 m. Road a sandy cart track except from m. 2 to m. 5 which is metalled. Country enclosed for first 2 m then alternate stretches of land, babul jungle and cultivation. At 6 f. Sama; at 1 m. Vishvamitri river (bridged) at 2 m. Harni; at 5 m. Ambaliara. Camping Ground—S.-E of tank, waste land, 21 bighas, not demarcated. Water—One good well 50 yds from camping ground, 2 brackish wells; for animals from tank for 10 months. Supplies—Many shops. Notice required.
		2	KANJERI.—12 m. 4 f. Road narrow and winding, in places heavy with deep ruts, Country chiefly babul jungle, intersected
		23 m. 4 f.	

AUTHORITIES

CIVIL

MILITARY.

No.
of
stages
and
total
distance

ROUTE No. 28.

COLLECTOR, PANCH MAHAIS, AT GODHRA.

GENERAL OFFICER COMMANDING, 5TH (MHOW) DIVISION.

3

30 m.
5 f.

with nalas; stretches of cotton cultivation. The hill fort of Pawagad (2,719') useful as a signalling station, is about 6 m. S.-E. A moderate-sized village on Champaner-Shivrajpur Railway.

Camping Ground.—Land near tank generally used.

Water.—One good and a few brackish wells; a tank.

Supplies.—A few shops; grass and firewood ample.

KALOL—7 m. 1 f. Good cart-road for 3 m. p.o. r.s., (DEROL then made road. At 1½ m.) 3 m 7 f. Mugasir; at 5 m cross Karad river (bridged), banks steep. A moderate-sized village.

Camping Ground—N.-E. 16 acres; cleared when required at Government expense.

Water.—Several wells, and Goma river.

Supplies.—Abundant from many shops.

4

39 m.
6 f.

VEJALPUR.—9 m. 1 f. Good made road; p.o. proposed to metal it

(1908). At 3 m. Delol; at 4½ m. Khurki; at 6 m. Bedia.

Walled town with small fort on branch of Goma river.

Camping Ground.—15 acres, not demarcated; cleared at Government expense when required for troops.

Water.—Many wells of good water, pits in river and 3 tanks.

Supplies.—Plentiful, from many shops; forage plentiful.

AUTHORITIES.		No. of stage and total distance.	ROUTE No. 28.	
Civil	Military			
COLLECTOR, PANCH MAHALS, AT GODHRA.	GENERAL OFFICER COMMANDING, 5TH (MHOW) DIVISION.	.5	GODHRA.—7 m. 3 f. Made road (bridged); proposed to metal it (1908) Cross branch of Goma river on starting Bapna river at 2 m. and Nains close to Godhra. Country jungle-covered.	
		47 m. 1 f.	A town with small fort; headquarters of district. On Route XII.	
		6	ORWARA —10 m. 5 f.	
		57 m. 6 f. 7	LIMKHERA.—15 m.	
		72 m. 6 f. 8	DOHAD,—19 m.	
		91 m. 6 f.	Route XII branches off at Dohad (to Mhow 11 marches)	
		9	RACHRA —11 m. 6 f. First 3 m. broad, firm and level, then very heavy ruts. At 2 m 5 f. from Dohad cross Khan river, bed rocky, ford rough and heavy; pass Mundnan, Dhamria, Dui-ki-Bordi, Nark-ki-Bordi, and Teichua; at 8 m 5 f. Kali river Country jungly, with cultivation near villages.	
		103 m. 4 f.	Three small hamlets Camping Ground—Two, both demarcated, total area 27 acres, all cultivated land.	

AUTHORITIES

MIL.

MILITARY.

No.
of
stages
and
total
distance.

ROUTE No. 28.

COLLECTOR, PANCH MAHALS, AT GODHRA.

GENERAL OFFICER COMMANDING, 5TH (MHOW) DIVISION.

P. A. IN BROPAVAN AT MANTUR.

10

116 m.
3 f.*Water.*—Tank, with water for 10 months, 2 pucca wells, one in railway limits.*Supplies.*—Nil.*Fodder.*—Obtainable.**AGRAL.**—12 m. 7 f. At 3 m. Khol; at 4 m. 2 f.

Avas river; banks steep, descent easy; road runs for

800 yds. in bed, thence up right bank by deep cutting. At 4 m. 7 f. Dadro and at 9 m. 4 f. Indargarh Country as before becomes open at Agral. Road heavy and rugged with deep ruts, better after crossing river. A small village.

Camping Ground—S.-W. near tank, 3 bighas, not demarcated.*Water*—Plentiful and good from one well.*Supplies.*—Scanty.*Forage.*—Plentiful.

11

121 m.
3 f.**SEOGARH**—5 m. At 2 m. 2 f. Umarde; at

3 m. 1 f. cross railway

line At 4 m. 4 f. cross

Bamti river; country

open and cultivated. Tolerable cart-road;

first 5 m. rocky and intersected by nalas,

heavy and narrow in parts. A small village,

with fort.

Camping Ground.—On plain 150 yds. N.-E.*Water.*—Large wells and pools in Bamti river.*Supplies.*—Few shops.*Forage.*—Plentiful.

12

134 m.
2 f.**PITLAWAD.**—12 m. 7 f. At 2 m. 4 f. cross

Bamti river; at

3 m. 6 f. cross railway

DISTRICTS

CIVIL MILITARY.

No.
of
stage
and
total
distance.

ROUTE No. 28.

line; at 4 m. 4 f. Bawn; at 11 m. commence ascent to table land by ghat, up which road runs for 4 f. ascent gradual but rough, with ruts and large stones; at 11 m. 3 f. and at 11 m. 3 f. Unai and Khorla. Country between Bawn and Unai jungly, then open and cultivated. Tolerable cart road except the ascent of the ghat. A moderate-sized village.

Camping Ground.—N. among fields

Water.—Several wells and Lark nala.

Supplies.—Abundant.

13

144 m.

1 f.

SARANJL—9 m. 7 f. At 6 m. 3 f. cross Lark nala, pass Karawad Barari, Timria and

Bolasi in this stage. Country very undulating with ridges and knolls. A good cart-road (broad), small village and ruined fort.

Camping Ground.—About one bigha, demarcated.

Water.—Scanty and bad from 11 wells, good from nala.

Supplies.—Several shops.

14

152 m.

1 f.

CHAYEN.—8 m. At 1 m. 5 f. and at 5 m. 2 f. Hunan and Ganawad, country hilly.

Road 5 m. narrow, with occasional ruts, but fairly good. Rest very heavy, uneven and rocky. Small village on right bank of Mahi river.

Camping Ground.—150 yds. S. about 20 bighas, not demarcated.

AUTHORITIES.

No.
of
stage
and
total
distance.

ROUTE No. 28.

Civil. Military.

P. A. IN MALWA, AT NEEMUCH.

GENERAL OFFICER COMMANDING, 5TH (MHOW) DIVISION.

15

161 m.
6 f.*Water*.—From Malu river.*Supplies*.—Nil*Forage*.—Plentiful from neighbourhood.**KUAJAGAR**.—9 m. 5 f. At Chayen cross
Mahi river 100
yds. wide, left banklow, descent easy, bed very heavy and stony;
right bank steep; road ascends by easy
winding cuttings. At 2 m. 2 f. Palas;
at 4 m. 2 f. Undwa river, bed rocky and
rugged, road up right bank through easy
winding cuttings, but heavy and rugged.
At 7 m. 7 f. Mandri. Country open and
cultivated. Road good, but precipitous in
parts. A small village.*Camping Ground*.—On left bank of Dharana
Khal river which cross at Kuajagar, bed
rocky and uneven.*Water*.—From river.*Supplies*.—Nil.

16

171 m.
8 f.**RUTLAM**.—9 m. 5 f. Pass village of Tiri and
b.p.o., l.s., r.s. Mathori, country
as before.Road good but narrow. A large town the
residence of a Maharaja. Junction of the
Ajmer-Khondwa (metro gauge) railway with
broad gauge line.*Camping Ground*.—Demarcated, near Lunga-
low, 18 acres.*Water*.—Abundant.*Supplies*.—Abundant, well, 25 feet deep.*Transport*.—Available.

By Route III to Neemuch (8 marches).

" " to Naurabad (21 marches).

" " to Mhow (18 marches.)

ROUTE No. 29.

BARODA TO KAMPTEE.

Length 488 m. 6 f.

45 marches.

Authority and date (month and year) :—

Epitome.—General direction E. by S Country cart-road on sandy soil to Chikli; thence a fair country cart-track to Manawar, crossing several rivers with stony beds. Metalled road from Manawar to Khal Chat, where route crosses Nerbudda by ferry or flying bridge. Thence a good cart-track over black soil to Pundhana, whence metalled road to Dongargaon r s (*vide* Bargaon). Between Bargaon and Betul the country is Government forest reserve, hilly with thick jungle, and very sparsely inhabited by Bhils, the water supply is uncertain and many of the villages marked on the map are deserted. With the exception of grass and wood there are no supplies; the track is very bad and is only fit for lightly loaded country carts (6 to 8 mds) and pack transport. The Tapti, crossed twice in this portion, is unfordable till the end of October, while there are no boats at the crossings. From Betul to Chichunda a first class metalled road runs, while the road on to Kamptee is a good made one. A better route, though longer by about 50 miles, is by route 17 to Dhulia, thence to Burhanpur (*vide* Volume VI of 1910) and from there *vide* Ellichpur. By this alternative the Tapti is crossable by ferry boat in the rains while the major portion of the route is metalled.

AUTHORITIES		No of stage and total distance	ROUTE No. III.	
Civil	Military			
JAT ASSISTANT TO THE RESIDENT, BARODA. G. O. C 5TH (MHOV) DIVISION			BARODA.— See Route X, stage 6. <i>b., p., o., l.s., r s.</i>	
		1 14 m.	BHILAPUR.—14 m. Pass through Baroda city and leave by Lehpur gate at 3½ m.; at 10 m. cross the Jambowa river	

AUTHORITIES

Civil.

Mili-
tary.No.
of
stage
and
total
distance.

ROUTE No. 29.

THE ASSISTANT TO THE RESIDENT, BARODA.

GENERAL OFFICER COMMANDING, 5TH (MHOW) DIVISION.

2

21 m.
6 f.

(bridged); pass the villages at Kapural Ratanpur, Kelanpur and Palas Wara in the stage.

A small village.

Camping Ground.—E. near mango trees.*Water*.—Good from Dhadhar river and wells.*Supplies*.—Scarce.

3

33 m.
1 f.**DABHOI**.—7 m. 6 f. At 1 m. Dhadhar river b., p.o., l.s., r.s. (bridged); pass the villages of Ambao,

Pura and Vega, and at 7 m. 1 f. cross railway to Dabhoi.

A large walled town.

Camping Ground.—N.-E. near r. m.*Water*.—Abundant, from wells and tanks.*Supplies*.—Abundant, many shops.

4

48 m.
1 f.**SANKHEDA**.—11 m. 3 f. Pass the villages of Kukad, Wad Wena, Majol and

Bhadurpur. At 11 m. cross Orsang river about 3 f. wide, bed sandy, banks easy.

A small town and fort on Orsang river.

Camping Ground.—N.*Water*.—From wells, and Orsang river.*Supplies*.—From many shops.**JAMBUGAM**.—15 m. At 3 m. 5 f. Fatchpur, on right; at 8 m. 3 f. Manki; cross

Orsang river at end of stage.

A small village.

Camping ground.—N.-W., not demarcated.

ROUTE No. 29.

AUTHORITY		No. of stage and total distance.	
Civil	Military		
1ST ASSISTANT TO THE RESIDENT, RAIPURA T. A. REWAKANTHA AT GODHRA, GENERAL OFFICER COMMANDING, 5TH (MHOW) DIVISION T. A. STAFFS OF CENTRAL INDIA AT MANJUR			<i>Water.</i> —From a few wells. <i>Supplies</i> —Not plentiful.
		5	TAIJGAD. —11 m. 1 f. Pass villages of Singhal, Sihod, Jetpur and Devha. At
		59 m. 2 f.	4 m. 3 f cross Bhary river, 80 yds. wide and 6 m. 7 f. a nala. Small village. <i>Camping ground</i> —None fixed. <i>Water</i> —Two wells and Orsang river. <i>Supplies</i> —None.
		8	CHOTA UDEPUR —7 m. 7 f. At 1 m. 5 f. cross Ani and at 2 m. Jharva river
		67 m. 1 f.	A small town nearly surrounding a brick fort. Residence of a Raja tributary to the Gaekwad, on the Orsang river which runs to W. <i>Camping Ground</i> —None fixed. <i>Water</i> —From wells, tanks and Orsang river. <i>Supplies</i> —Available.
		7	DEOHATI —9 m. At 6 f Orsang river, 220 yds. wide, bed sandy and difficult
		76 m. 1 f.	for carts, at 5 m 1 f cross nala and pass villages of Dhumadi and Umbala. Small village <i>Camping ground</i> —None fixed. <i>Water</i> —From Khadiali river. <i>Supplies.</i> —None locally.
		8	CHANDPUR —10 m. 6 f. At 2 f. Khadiali river, at 3 m. 11 f. cross = nala 67 yds.
		86 m. 7 f.	

ROUTE No. 29.

POLITICAL AGENT, SOUTHERN STATES OF CENTRAL INDIA, MANPUR.

GENERAL OFFICER COMMANDING, 5th (MHOW) DIVISION.

AUTHORITIES.		No. of stage and total distance.
Civil.	Military.	
		9
		93m. 2 f.
		10
		108m.
		11
		114m. 3 f.

wide; at 4 m. 5 f. Rungpur; at 8 m. 2 f. cro
nala.

A small village.

Camping Ground.—S. 2 bighas, cleared, not
demarcated.

Water—From pits in nala and one well (pucca).

Supplies.—Scarce.

RAJPUR (Ah).—9 m 3 f. At 8 m. 4 f. cross
d., p. a. Borkhad.

A small town, capital
of State. Chief's palace

Camping Ground.—S. 5 bighas, ground as
above.

Water.—From a few wells.

Supplies.—Plentiful and fair.

NANPUR.—11 m. 6 f. At 9 m. 2 f. Sukar
river, 60 yds., bed
sandy. Small vil-
lage.

Camping Ground.—E. 2½ bighas, ground as
above.

Water.—Good, from a few wells.

Supplies.—Scarce.

CHIKLI.—6 m. 3 f. At 5 m. 3 f. Hatni river
60 yds. wide, bed
sandy, banks low.

Small village.

Camping Ground.—S.-E., uneven ground.

Water.—Scarce and bad from wells and nala.

Supplies.—Scarce and difficult.

ATTENDANTS.		No. of stage and total distance.	ROUTE No. 29.
Civil.	Military.		
POLITICAL AGENT, SOUTHERN STATES OF CENTRAL INDIA, MAYNOR. GENERAL OFFICER COMMANDING, 5TH (MIDNIGHT) DIVISION.		III	KUKSI —10 m. 6 f. Pass villages of Palasi p-o, Al, Talanpur and Silkua in this stage. Country cultivated. <i>Camping Ground.</i> —None fixed. <i>Water</i> —From wells. <i>Supplies.</i> —Few shops.
		125m. 1f.	
		13	
		135m. 1f.	
		14	
		148m. 4f.	LOHARIA. —10 m. At 1 m. 3 f. Wagn river 129 yds. wide, bed stony; at 5 m. 3 f Ambara; at 6 m. 3 f. Uri river, 75 yds. wide, bed stony. At 7 m. 5 f Dhul-wr. <i>Camping Ground.</i> —None fixed <i>Water.</i> —From river and wells. <i>Supplies</i> —Scarce.
		15	MANAWAR. —13 m. 3 f. Pass Singana, Borad, Dedla. <i>Camping Ground.</i> —30,000 sq. yds., S.-E. of village. <i>Water</i> —Man river, scarce in summer. <i>Supplies.</i> —A few shops.
		154m. 7f.	BAKANER —6 m. 3 f. From here metalled road to Amjherar. At 4½ f. cross Man river, 100 yds. wide. <i>Camping Ground.</i> —N. of village on bank of nala. <i>Water</i> —From wells, Man river and Gatwal nala, scarce in summer. <i>Supplies.</i> —Few shops.

AUTHORITIES

Civil

Military

No
of
stage
and
total
distance.

ROUTE No. 29.

P. A., SOUTHERN STATES OF CENTRAL INDIA, MANTUR.

G. O. C., 17TH (MUNOW) DIVISION.

16

167 m.
4 f.**DHARAMPURI.**—12 m. 5 f. Cross; nala; at
p. c. 1 m. 6 f. cross another nala; at 3 m. 4 f.Shirwi; at 7 m. 4 f. Akhale; at 11 m. 7 f.
Run nala.

Small town on N. bank of Narbada river.

Headquarters of sub-division.

Camping Ground.—None fixed.

Water.—From Narbada river.

Supplies.—Large bazar.

17

175 m
7 f.**KHALA GHAT, N BANK.**—8 m. 3 f. N. bank
p. c. of river; at 3 m 7 f.
pass LunheraHere main Routes Nos VIII and IX from
Bombay to Mhow cross the Narbada. Nar-
bada 1,320 yds wide, bed rocky, banks steep.
Flying bridge from October to June; ferry
during rest of year

Camping Ground.—4 acres, demarcated, cleared.

Water.—From Narbada river

Supplies.—Abundant

18

183 m.
2 f.**CHOTA KASRO**—12 m. 3 f. At 1 m 2 f.
h. pass Akharpar. 5 m
cross Satuk nala, at

8 m. 3 f. Bhilmon

Camping Ground.—N. W. of village.

Water.—From wells and nala.

Supplies.—Few shops

19

198 m.
3 f.**MULTAN.**—10 m. 1 f. At 5 m 5 f. Deolin; at
6 m. cross Be-la river
131 yds. wide, bed

stony, banks easy.

ATTACHMENTS		No. of stage and total distance	ROUTE No. 29.	
Col.	Major.			
P. C. NIGAR, AT KHANDWA. P. A., SOUTHERN STATES OF CENTRAL INDIA, AT CANTT. GENERAL OFFICER COMMANDING, 5th (MHOW) DIVISION			<i>Camping Ground</i> —N.-E. of village. <i>Water</i> —Tank and wells <i>Supplies</i> —Few shops.	
		20	SUKAR —13m 4f At 5 m 3 f Chondi; at 9 m Pipali, at 10 m. 3 f Dindai; at 13 m. Ahar nala, 40 yds.	
		211 m 7f.	broad, bed, stony <i>Camping Ground</i> —On Ahar nala $\frac{1}{2}$ m from village <i>Water</i> —From wells <i>Supplies</i> —Scarce	
		21	BIKANGAON —5m 7f At 2 m 4 f Kedwa; country cultivated.	
		217 m 6f	<i>Camping Ground</i> —W. of well near village. <i>Water</i> —From wells <i>Supplies</i> —Scarce.	
		22	CHIRBAIL —11m 6f At 1 m 3 f Temla at 6 m 6 f Panasla.	
		229 m 3f.	<i>Camping Ground</i> —S of village <i>Water</i> —Tank and wells <i>Supplies</i> —Scanty	
		23	PUNDHANA —12m 2f At 1 m 3 f. Bilunkhera; at 4 m, 6 f. Sirsod; at 7 m. Konla.	
		241 m 5f.	dil; at 9 m 11 f Abna river. <i>Camping Ground</i> —1 m N.-E on Chorwa river. <i>Water</i> —Wells and river. <i>Supplies</i> —Many shops A metalled road runs from here to Khandwa.	

AUTHORITIES

Civil

Military.

No.
of
stage
and
total
distance.

ROUTE No. 29.

DEPUTY COMMISSIONER, NIMAR; AT KHANDWA.

GENERAL OFFICER COMMANDING, 5TH (MHOW) DIVISION.

24

251 m.
3 f.

BORGAON—9m 6 f At 3 m. join made road
b (2 m. from C G) from Mhow (route III).
Camping Ground.—1½ m. N. of village, near
Sukta river.
Water—Sukta river and a small stream ½ m.
S of it.
Supplies—Several shops; transport available.
From Mhow in 8 marches.

25

266 m.
5 f.

PIPLOD—15m 2 f At 4 m. Dangargaoon r.s.
After crossing the rail-
way the road is a mere
track At 10 m Bilkhara
Camping Ground—In front of Police Thana,
for one battalion, not demarcated
Water—One good well For animals at river
1 mile distant
Supplies.—On notice

26

284 m.
5 f.

DHANDA—18 m In this march, and in the
subsequent ones as far
as Betul, the road is
only a very rough and narrow cart-track
through thick jungle and leading over
numerous rocky nala beds
At 4 m Gotikhara; at ½ m. Borikhara; at
15 m. Dewali, a deserted police hut;
two or three tracks branch off here, and a
guide should be taken from Borikhara.
A small Bhil village.
Camping Ground—On banks of stream; 100
yds distant
Water—From stream; a well is sunk in bed
when stream dries up (May)
Supplies—Nil.

ATTACHMENTS.		No. of place and total distance.	ROUTE No. 29.
Q. 1.	Military.		
DEPUTY COMMISSIONER, NIMAR, AT BHANDWA	GENERAL OFFICER COMMANDING 5th (MHEW) DIVISION	27	BUTI.—18 m. Road as above Pass Raipur and Senda, both deserted.
		302 m. 5 f.	Camping Ground—Extensive Water—From stream. Supplies—From Bhamgarh.
		28	BALTA.—10m Cross a river and 5 nalas in this march.
		312 m. 5 f.	Camping Ground.—Good. Water—From river Supplies—By notice to Suba at Khurda.
		29	BORKUND.—8m Cross 4 nalas in this march.
		320 m. 5 f.	Camping Ground—Good. Water—From wells Supplies—As above
		30	MOHTA.—10m. In this march cross 4 nalas and the Tapti river, impassable till the end of October.
		330 m. 5 f.	Camping Ground—Good. Water—From Tapti river. Supplies—None locally On notice from Kamapur, Chandu and Chicholi.
		31	BORI.—15 m. Cross 5 nalas in this march. p. o
		345 m. 5 f.	Camping Ground—Confined by jungle. Water.—Excellent strong spring from nala. Supplies.—As above.

1

AUTHORITIES.		No. of stage and total distance	ROUTE No. 29.
Civil	Military.		
DEPUTY COMMISSIONER OF BETUL, BADNUR	GENERAL OFFICER COMMANDING, JOBBULPUR BRIGADE.	32	JAMBU.—14m. Cross 4 <i>nalas</i> in this march.
		329 m. 5 f	Camping Ground.—Good. Water.—From Tapti river. Supplies.—As above.
		33	CHUNA.—11m. Cross Tapti river and 5 <i>nalas</i> in this march.
		370 m. 5 f	Camping Ground.—Good. Water.—From Tapti river. Supplies.—From Chucholi.
		34	KHERI.—10m. Cross 5 <i>nalas</i> in this march.
		380 m. 5 f.	Camping Ground.—Good and extensive. Water.—Wells and tank, scarce in hot weather. Supplies.—None locally; on notice from Betul and Chucholi.
		35	BETUL BADNUR.—8m. A good sized place; the residence of a Deputy Commissioner.
		388 m. 5 f.	Camping Ground.—Government property, S. of town. Water.—Tanks, wells and Machna river. Supplies.—For 100 men; notice required for larger numbers. Gram for horses. By route 37 to Dhopal, 9 marches.
		36	SASUNDRA.—11m. 5f. At 1½ m. Milnapur; at 2 m. Ankawari; at 4 m. crosses Kampra river, banks easy, fordable one hour after rain; at 5½ m. Khapa; at 7½ m. Jhatpali; at 10 m. Limandi to left and Nawagon to right.
		400 m. 2 f	

AUTHORITIES		No. of stage and total distance.	ROUTE No. 29.	
Gr.	Military			
DEPUTY COMMISSIONER OF BETUL, HADNUR.	GENERAL OFFICER COMMANDING, JHARKHUR BRIGADE.		Country hilly and jungly, with cultivation. A large village with police station and acrai. <i>Camping Ground</i> .—Cleared, $1\frac{1}{2}$ m. from road E. of village, high stony ground; near old road to Chachunda. <i>Water</i> .—Good, from Public Works Department well. <i>Supplies</i> .—As above.	
		37	MULTAI. —13m. 1 l. At $3\frac{1}{2}$ m. Umbaria $\frac{1}{2}$ m. right, at $6\frac{1}{2}$ m. Nagurkot; at $7\frac{1}{2}$ m.	
		413 m. 3 l.	Mohi, at 9 m. Bhelat; at 10 m. district bungalow. A large town with hospital, tahsil and police station. <i>Camping Ground</i> .—Government; good, $\frac{1}{2}$ m. N. <i>Water</i> .—One pucca Public Works Department well, the Chota Tawa river, and other wells. <i>Supplies</i> .—As above.	
DEPUTY COMMISSIONER OF CHINDWARA.	GENERAL OFFICER COMMANDING, JHARKHUR BRIGADE.	38	CHICHUNDA. —8m. At $4\frac{1}{2}$ m. Malegaon, 3 l. left. Country open and cultivated.	
		421 m. 3 l.	A small village with acrai and police station. <i>Camping Ground</i> .— $\frac{1}{2}$ m. S.-W. of village, to left of road. Government ground. <i>Water</i> .—3 wells. <i>Supplies</i> .—As above.	
		39	TIGAON. —9m. 5l. Cross <i>nalas</i> at 3l., 5l., $1\frac{1}{2}$ m., $1\frac{1}{2}$ m., $1\frac{1}{2}$ m., $3\frac{1}{2}$ m. (with well on bank), 7 m., $7\frac{1}{2}$ m., 8 m., $8\frac{1}{2}$ m., $8\frac{3}{4}$ m., and $9\frac{1}{2}$ m.	
		431 m.		

ROUTE No. 29.

AUTHORITIES		No. of stage and total distance.
Civil.	Military.	

DEPUTY COMMISSIONER OF CHINDWARA.

D. C. OF NAGPUR.

GENERAL OFFICER COMMANDING, JUMHUPUR BRIGADE.

			<p>A small village. <i>Camping Ground.</i>—1,100 yds. East of village. <i>Supplies.</i>—Good, from Jam river and wells till February, after which brought from a distance. <i>Supplies.</i>—Two shops. Market on Fridays.</p>
	40		<p>SEONI.—11 m. 6 f. Cross several <i>nalas</i> in this stage, most of them are paved or have culverts. At 3½ m. Monza Deokhapa to left; at 5½ m. Pandhorana, town with p.o., police station and abundant supplies; at 6 m. Monza Bahmani with serai and dāk bungalow; at 11 m. Monza Moradongri.</p>
	442 m. 6 f.		<p>A small village with serai and 6 shops. <i>Camping Ground.</i>—100 yds. W. of village. <i>Water.</i>—Well close by (good). <i>Supplies.</i>—On two weeks' notice.</p>
	41		<p>CHICHOLI.—7 m. 6 f. Cross several <i>nalas</i> b., p.o. most of which are paved, and none of which are large.</p>
	450 m. 4 f.		<p>A small village, with serai and police station. <i>Camping Ground.</i>—200 yds. W. of village Another at 7 m. 3 f. under large banian tree. <i>Water.</i>—A well close by both C. G.'s. Four wells in village. <i>Supplies.</i>—On two week's notice.</p>
	42		<p>UMRI.—9 m. 7 f. Country open and cultivated.</p>
	450 m. 3 f.		<p>At 3½ m. Asangron to left; at 5½ m. Khursapur; at 7 m. Chuthrapur to right; at 9½ m. descent.</p>

ACCOMMODATION		No. of stage and total distance.	ROUTE No. 29.
Q-1	Military.		
DEPUTY COMMISSIONER OF NAGPUR.	GENERAL OFFICER COMMANDING, JUBBULPUR BRIGADE.		<p>A small village. <i>Camping Ground.</i>—$\frac{1}{2}$ m. W. of village to right of road. <i>Water.</i>—8 wells. <i>Supplies.</i>—Scarce. Two shops.</p>
		43	<p>SAONAIR.—7m 3 f. Country open and cultivated; Mango and tamarind trees.</p>
		437 m. 6 f.	<p>At $2\frac{1}{2}$ m. Pimpri 3 f. right; at $3\frac{1}{2}$ m. Bagarimayari $\frac{1}{2}$ m. left; at 4 m. Haiti. A large village with police station, two serais and seven shops <i>Camping Ground.</i>—$\frac{1}{2}$ m. N. E. of village, near serai <i>Water.</i>—From wells and rivers. <i>Supplies.</i>—Abundant. Here Route 38 joins. From Saugor 21 marches.</p>
		44	<p>PATANSAONGI. 7m 7 f. At $2\frac{1}{2}$ m. Gujarkheri; at $2\frac{1}{2}$ m. Burujwara to right; at $3\frac{1}{2}$ m. Malaigaon $\frac{1}{2}$ m. right; at $4\frac{1}{2}$ m. Mannigaon, at $5\frac{1}{2}$ m. Takri to left. A large village with serai, police station and 11 shops. <i>Camping Ground.</i>—$\frac{1}{2}$ m. N.-E. of village, to right of road. <i>Water.</i>—</p>
		445 m. 5 f.	<p>As above. <i>Supplies.</i>—</p>
		45	<p>KAMPTEE.—13m. 1 f. At $\frac{1}{2}$ m. road to b. p. o., l. s., r. s. Wari; at $2\frac{1}{2}$ m. dak bungalow about 200 yds. right; at 3 m. Pipla; at 4 m. made road</p>
		438 m. 6 f.	

AUTHORITIES.

Civil

MILITARY.

No
of
stages
and
total
distance.

ROUTE No. 29.

D. U. OF NAGPUR.

C. O. C. JUBBULPUR BRIGADE

to Nagpur branches off; at $4\frac{1}{2}$ m. Dahlgaoon
 $\frac{1}{2}$ m. left; at $7\frac{1}{2}$ m. Chucholi 3 f. right; at
 $8\frac{1}{2}$ m. Bhanaigaon $\frac{1}{2}$ m. left; at $9\frac{1}{2}$ m. Kular
 river, 98 yds. wide, no bridge; at $10\frac{1}{2}$ m.
 Warigaon $\frac{1}{2}$ m. left.

A cantonment.

Water.—

Supplies.—

} Available

By Route VI to Jubbulpur in 14 marches.

ROUTE No. 30.

FROM MHOW TO KOTAH.

Length 222 m. 2 f.

17 marches.

Authority and date (month and year).—Narwar to Kotah,
38th C. I. II. April and June 1911.

Epitome.—General direction N., a good metalled road except for the part from 7 m. beyond Soheli to 3 m. beyond Raipur (9 m.). Water and supplies obtainable throughout except at Mokundara and Mandana, where water sometimes becomes scarce in the hot weather.

Suitable for motors throughout. Between Agar and Susner the driver should look out for Irish bridges in the valleys, which would be dangerous if taken at high speed.

ATTRIBUTES		No. of stage and total distance	ROUTE No. 30.	
Civil	Military			
C. O. C. STE (MHOW) DIVISION.		1	INDORE.—13m. 6f. b, p. a, t, s, r. s.	
		13 m. 6 f.		
		2	DAKACHIA.—12m. 7f.	
		26 m. 5 f.		
		3	DEWAS.—10m 1f. b, p a, t s.	
		36 m. 6 f.		
			From Dewas to Bhopal by Route 30 (8 marches)	

See main Route VIII, stages 8, 9 and 10.

AUTHORITIES.		No. of stages and total distance.	ROUTE No. 29.
Civil	Mun- itary.		
D. U. OF NAGPUR.	G. O. C. JHEDULPUR BRIGADE		to Nagpur branches off; at 4½ m. Dahigaon ¼ m. left; at 7½ m. Chicholi 3 f. right; at 8½ m. Bhanaigaon ¼ m. left; at 9½ m. Kular river, 98 yds. wide, no bridge; at 10½ m. Warigaon ¼ m. left.
			<p>A cantonment.</p> <p>Water.—</p> <p>Supplies.—</p> <p>By Route VI to Jubbulpur in 14 marches.</p>

} Available

ATTACHMENTS

Cvt. MILITARY.

No.
of
stage
and
total
distance

ROUTE No. 30.

P. A. MALWA, AT NERUMUCH

GENERAL OFFICER COMMANDING, 5TH (MHOW) DIVISION.

7

84 m.
1 f.*Camping ground.*—350×200 yds. near village W. (left) of road.*Water.*—From wells*Supplies.*—On notice.

DHABLA.—11m. 2f. Country undulating, and rising to a ridge of low hills, which intersect road at 1 m. At 2 m. 6 f. Ghatia (bungalow), at 7 m. 2 f. Ghosla, whence metalled road to Gogapur on Rutlam-Kotah Railway, at 10 m. cross a *nala* by causeway.

Road as above

A moderate-sized village.

Camping Ground.—Near village to N.-W. 150×150 yds, not demarcated*Water.*—Abundant, 2 wells*Supplies.*—From surrounding villages, on notice.

8

91 m.
7 f.

TANURIA—7m. 6f. Country undulating and partly cultivated, full of fissures and

holes. Road as above

At 1 m. 6 f. pass Jhalara; at 3 m. 6 f. Pat (bungalow) and cross Kalsand river, fordable, except in rains; at 3 m. 7 f. Parsi (2 large ferry boats over Kal-and in rains; approach to boats unsuitable for guns or motors).

A medium-sized village.

Camping Ground.—To N.-E. on high ground near a well*Water.*—From wells and tank to E. of C. G.*Supplies.*—On notice; also weekly market, and small bazar.

AUTHORITIES		No of stages and total distance.	ROUTE No. 33.
Civil	Military		
RESIDENT AT GWALIOR.	GENERAL OFFICER COMMANDING, 5th (MHOW) DIVISION.	2	
		101 m. 7 f.	<p>AGAR.—10m. Country undulating and hilly. Road as above, cross a few <i>palus</i>. A large walled town on a narrow slip of high ground between a large lake on S. and a deep ravine on N.</p> <p>By Route 31 to Neemuch (8 marches) and Sarangpur on (Route 8) (3 marches).</p> <p><i>Camping Ground.</i>—Near cantonment, N. of town</p> <p><i>Water.</i>—</p> <p><i>Supplies.</i>— } Abundant.</p>
		10	
		119 m. 7 f.	<p>SUSNER.—18m. Country as above, and covered with thick jungle. At 5 m. ascent of Goraghatts; at 7 m. a steep and difficult ascent; at 7 m. 6 f. a chowki. at 10 m. 2 f. Bara on top of Lill.</p> <p>A large village.</p> <p><i>Camping Ground</i>—On W. of road and S.E. of village, or E. of road near bungalow.</p> <p><i>Water.</i>—</p> <p><i>Supplies.</i>— } Abundant.</p>
		11	
		137 m. 7 f.	<p>SOHET.—18m. Country open and cultivated. Road metalled, at 3 m. 6 f. Kherana; at 7 m. 7 f. Kitheri; at 9 m. 7 f. Magra; at 10 m. 2 f. cross Kartieri wala; at 12 m. 3 f. Deoria; at 13 m. 1 f. Kantiara.</p> <p>A large village.</p> <p><i>Camping Ground</i>—On W. of road and S.W. of village.</p>

AUTHORITIES.		No. of stage and total distance.	ROUTE No. 30.
CHIEF.	MILITARY.		
POLITICAL AGENT IV KOTAH AND JHALAWAR, AT KOTAH.	RESIDENT AT INDORE.		<p><i>Water</i>.—From 4 pakka wells and Kantiara nala.</p> <p><i>Supplies</i>.—On notice.</p>
GENERAL OFFICER COMMANDING, 5TH (MHOW) DIVISION.		12	RAIPUR.—13 m. Country open. Road metalled, at first, then cart track. At 4 m.
		150 m. 7 1/2.	<p>3 f. pass Salakhari; at 5 m. 4 f. Dongargaon, at 7 m. Guraria; metalling ceases, and road becomes village cart-track almost impassable in rains. Chowli river here crossed, water 2 1/2 ft. deep in cold weather. South bank 20 ft. well cut up, N bank gradual slope and stony. At 7 m. 6 f. Chanti; at 11 m. 4 f. Samas. A moderate-sized village.</p> <p><i>Camping Ground</i>.—On both sides of road S. of village.</p> <p><i>Water</i>.—From wells, tanks, and nala. 1/2 m. N.</p> <p><i>Supplies</i>.—On notice.</p>
		13	JHALRAPATAN.—13 m. Country open and p. o., 1 s. cultivated. Thin jungle in parts.
		163 m. 7 1/2.	<p>Road unmetalled for 3 m., then a metalled road in bad repair (June 1911). At 1 m. 5 f. Rawal; at 3 m. Dawar; at 5 m. Borda; at 6 m. Neori; at 9 m. 5 f. Chandloi.</p> <p>A walled town.</p> <p>Here Route No. 34 passes from Neemuch (8 marches) to Goona (8 marches) and No. 57 from Bhopal (12 marches) and Betul Badnur (21 marches) ends.</p> <p><i>Camping Ground</i>.—To E. and W.</p>

AUTHORITIES		No. of stage and total distance	ROUTE No. 30.
Civil.	Military.		
POLITICAL AGENT IN KOTAH AND JHALAWAR, AT KOTAH.	CENTRAL OFFICER COMMANDING, JHANSI BRIGADE.		<p><i>Water.</i>— } Abundant.</p> <p><i>Supplies.</i> }</p> <p>No cow-killing allowed. Great Hindu and Jain centre.</p>
		14	<p>SUKET.—13m. 3/. Country open and cultivated. Road as above, at 1 m. 1 f. pass Gandhaur; at 2 m. 6 f. Kandia; at 4 m. 3 f. Chaoni (old cantonment); at 6 m. 3 f. Gopalpur, at 8 m. 3 f. Jarnia at 12 m. 3 f. crosses River Ahu into Kotah territory.</p> <p>A moderate-sized village</p> <p><i>Camping Ground.</i>—N.-W. near village.</p> <p><i>Water.</i>—Abundant.</p> <p><i>Supplies.</i>—On notice.</p>
		177 m. 2 f.	
		15	
		189 m. 2 f.	<p>MOKUNDARA.—12m. Country as above.</p> <p>Good metalled road.</p> <p>At 2 m. 2 f. pass Parmakheri; at 3 m. 2 f. Antrali; at 7 m. Siraula at 8 m. 3 f. Alempura; at 9 m. 6 f. Pipalda; at 10 m. 7 f. Anjur. Cross Mokundara pass, at 11 m. 7 f. Dura gate. A small village forming a long narrow street.</p> <p><i>Camping Ground.</i>—S.-E. of village in the valley of Mokundara formed by two parallel ridges running N.-W. to S.-E.</p> <p><i>Water.</i>—Enough, except in hot weather.</p> <p><i>Supplies.</i>—On notice.</p>
		16	<p>MANDANA.—13m. 4/. Country end road p. o., L. & (Roath Road) as above.</p>
		202 m. 6 f.	

ROUTE No. 30.

AUTHORITIES

Civil Staff.

No
of
stage
and
total
distance.

At 6 $\frac{1}{2}$ m. a gate across the pass; at 2 $\frac{1}{2}$ m. Mora
(Bara); at 3 $\frac{1}{2}$ m. Durrah r.s., at 5 m. Dubra;
at 6 $\frac{1}{2}$ m. Kala Kheri; at 8 $\frac{1}{2}$ m. Bhul Kheri; at
9 $\frac{1}{2}$ m. Umedpura; at 10 m. Patakeri.

ft of road
and S.-E.

on bridge.

Water—

Supplies.—

As above.

17

222 m.
2 f

KOTAH—10 m 4 f Country sparsely culti-
vated, with jungle
b, p, o, t, s, r s round Road as above

At 3 m Manza Kasar, at 5 $\frac{1}{2}$ m Alnia river; at
7 $\frac{1}{2}$ m a chauki, at 9 $\frac{1}{2}$ m Khera Jagpur; at
13 $\frac{1}{2}$ m Anandpara; at 17 $\frac{1}{2}$ m Chaoni

Camping Ground—Recognized ground E. of
civil lines is ample, with good surface, and near
road Good site also on left bank of river,
E side of road, ground good and ample room

Water.—Plentiful from wells, but brackish; for
horses from Chambal river near bridge.

Water one troop at a time

Supplies—Procurable in large quantities, notice-
desirable

By route XI Deoli (4 marches) and Nasirabad
(9 marches).

From Goona (11 marches)

POLITICAL AGENT IN KOTAH AND JHALAWAR, AT KUTAIL

GENERAL OFFICER COMMANDING, JHANSI BRIGADE

ROUTE No. 31.

FROM SARANGPUR TO NEEMUCH.

This route connects main routes VIII and III.

Length 131 m.

11 marches.

*Authority and date (month and year).—*Sarangpur to Agar
39th C. I. H. November 1913.

Epitome.—General direction N.-W. Road metalled as far as Agar then a good cart-track to Sitamau; and metalled again from Sitamau to Neemuch. Between Agar and Sitamau the Kalisindh and Chambal are serious obstacles; both are fordable from December to the rains but the banks of the latter are steep

Water and supplies abundant throughout.

AUTHORITIES.		No of stage and total distance.	ROUTE No. 31.
CIVIL.	MILITARY.		
POLITICAL AGENT IN MALWA, AT SEEMUCH	G. O. C., 5th (MHOW) DIVISION.		SARANGPUR —See Route VIII, stage 14 <i>b, p o, l s</i>
		1	BARODIA. —0 m. Metalled road At $\frac{1}{2}$ m. cross Kali Sind river by causeway 280 yds long, under water in rains; at 3 f. d b.; at 6 m. Palkomaria, at 5 $\frac{1}{2}$ m Gadrukhera; at 6 $\frac{1}{2}$ m. Jaswara.
		9 m.	<i>Camping Ground</i> —200 yds N of village, for 1 brigade. <i>Water.</i> —3 wells, one within 100 yds. of C. O. <i>Supplies</i> —Cattle for 1 brigade, and fodder for one regiment for 1 day.
		3	KANAR —12 m. Metalled road. Open level country. At 2 $\frac{1}{2}$ m. Baratkheri; at 4 m.
		21 m	

ROUTE No. 31.

DISTANCES		No of stages and total distance.	
Civil	Military		
POLITICAL AGENT, MALWA, AT KHEMUCH. GENERAL OFFICER COMMANDING, 5TH (MHOW) DIVISION.			<p>Datroda; at 8½ m. Choma d.-b, at 8½ m. Nak-hundar river 125 yds broad, causeway under water in rains; at 9 m Samgi ½ m. N. <i>Camping Ground</i>—600 yds S-E for one regiment, level.</p> <p><i>Water</i>—4 good wells near C. G.</p> <p><i>Supplies</i>—Atta and grain for cavalry regt. for 2 days; fodder and fuel available</p>
		3	<p>AGAR—11 m Metalled road <i>b, p o, f, s</i></p>
		32 m.	<p>A large walled town on a narrow strip of high ground between a large lake on E and a deep ravine on N</p> <p><i>Camping Ground</i>.—Near cantonment, N. of town.</p> <p><i>Water</i>.—</p> <p><i>Supplies</i>.—</p> <p>Abundant.</p> <p>Route 30 from Mhow (9 marches) to Kotah (7 marches) crosses here</p>
		4	<p>BAROD—14 m A good cart track. At 2 m. pass Malakheri and cross a nala; at 3 m. Jota. Between 5 m. and 6 m descend a ghat At 6 m 4 f Jamli, at 7 m 5 f. Guraria; at 10 m 2 f Sangakheri.</p> <p>A walled town with fort</p> <p><i>Camping Ground</i>—300 yds E or W. of village.</p> <p><i>Water</i>.—</p> <p><i>Supplies</i>.—</p> <p>Abundant.</p>
		46 m.	

ROUTE No. 31.

AUTHORITIES		No of stage and total distance	
Civil	Military		
POLITICAL AGENT IN MALWA, AT NEEMUCH	G. U. C., 5th (MHOW) DIVISION.	5	GANGDHAR. —15 m. Road as above. Then scattered jungle. At 3 m. 5 f. cross a small hill; at 5 m. 6 f. Dharakpur, on top of hills; at 6 m. 2 f. Rapara; at 9 m. 5 f. Anupura; at 11 m. 7 f. Sonari. A small town and fort on right bank of Kalsindh river <i>Camping Ground</i> —E. or W. <i>Water</i> — } Abundant. <i>Supplies</i> — }
		61 m.	
P. A. AT JHALANWAR AND KOTAH		6	KUNDLA —8 m 3 f. Road as above. Cross river on starting, fordable in December. At 3 m 5 f Kolar, at 4 m. 6 f Rampakhara; at 5 m 6 f Arniakhela, after which country is open and cultivated; at 7 m Napania. A large village. <i>Water</i> .—From wells <i>Supplies</i> —Several shops.
		69 m. 3 f.	
		7	SITAMAU —11 m Road as above At 2 m. 7 f cross Chamlal river with great difficulty
		80 m. 3 f.	of a Raja. <i>Camping Ground</i> —600 yds. to N <i>Water</i> .— } Abundant. <i>Supplies</i> .— }

ATTRIBUTES.		No of stage and total distance.	ROUTE No. 31.	
Civil.	Military.			
P. A. IV NAWA AT NEEMUCH. G O B STB (MHW) DIVISION.		8	MANDESOR —18 m Metalled road, pass <i>b. p. o. l. s. r. s.</i> Antri and Churmolia Cross Tumbar river, pass Wansakhara (b). See Main Route III, stage 36.	
		98 m. 3 f.		
		9		
		108 m. 6 f.		
		10		
		119 m. 1 f.		
		11	NEEMUCH.—11 m. 7 f.	
		131 m.		

By main Route
No. III.

ROUTE No. 32.

FROM DEOLI TO DAUSA.

Length 104 m. 7 f.

9 marches.

Authority and date (month and year).—Deoli to Tonk and Chaksu to Dausar, Lieutenant Spankie, 42nd Deoli Regiment, April 1911; Tonk to Chaksu, Captain Shuttleworth, 45th Sikhs, July 1911.

Exptome—General direction N.-W. To Bantthali: unmetalled, but good except after rains. From Bantthali to Chaksu, good metalled road—Chaksu to Dausa sandy and heavy cart-road.

Water.—Plentiful if good rains; *supplies* on notice. About 14 days' notice necessary for 300 men and 150 animals.

AUTHORITIES.		No of stage and total distance.	ROUTE No. 32.
Civil.	Military.		
RESIDENT AT JEYPUR.	G. O. G., NASIRABAD BRIGADE.	1	<p>BANTHALI.—14 m. 4 f. By Route No. XI from Jubbulpur (31 marches).</p> <p>By Route No. XI from Nasirabad (5 marches). By Route No. 71 from Neemuch and Chitorgarh (11 marches).</p> <p>At 1 m. 3 f. enter Jeypur State; at 4 m. 3 f. road to Panwar about 1½ m. to right, at 6 m. Saroi, whence road to Polhara 1½ m. to right; at 8 m. 4 f. cross Nagra river, 70 ft. wide, 20 ft. deep in rains; at 13 m. 4 f. Bijagarh with a nala S. and N. of it, 25 ft. and 120 ft. wide, respectively, and 10 ft. and 25 ft. deep in rains. Country plain with low bushes, cultivation near villages. Road unmetalled but good except after rains. A large village.</p> <p><i>Camping Ground.</i>—S. and to left of road.</p> <p><i>Water.</i>—From wells and Banas river, 200 yds. W. of village.</p> <p><i>Supplies.</i>—On notice.</p>
		14 m. 4 f.	

ROUTE No. 32.

No
of
stages
and
total
distance.

2

26 m.
4 f.

CHAND.—12 m. At 6 m. 6 f. pass Maglani ;
at 8 m. cross Barni nala
30 ft. wide, in rains 60
ft. wide and 30 ft. deep, the boundary be-
tween Jyypur and Tonk. At 8 m. 3 f. Dhusan
(Bara). At 10 m. 6 f. Thalli. Country as
above. A good metalled road,
A small village.
Camping Ground.—S. of village, to right of
road (200 × 600 yds.)
Water.—Abundant for force mentioned.
Supplies.—Nil.

3

39 m.

TONK—12 m 4 f. At 5 f. pass Khers ; at 1 m.
p.o., t.s., b. (State). 7 f. cross nala, brick
bridge suitable for all
arms. at 2 m. 1 f. Ahmadpura ; at 3 m. 1 f.
Arnisia (Lil), at 5 m. 1 f. Mendwas ; at 12
m. 2 f. Bhungarh fort. Country as above.
Road as above. There is a good cart-road
from Nihola on Route No. 26 to Tonk, dis-
tance 11 m.
A walled town, capital of Tonk State.
Camping Ground—W. of fort and between fort
and Nazar Bagh
Water.— } Abundant, sufficient for a bri-
Supplies.— } gade.

4

51 m.

BARONI.—12 m. At 6 f. pass Chauni ; at 3 m.
Megaon ; at 3 m. 3 f.
cross the Banas river,
bed about 1,000 yds. wide, banks high and
heavy, fordable, except in rains, when a ferry
plies ; at 4 m. Barkhandi ; at 8 m. Sohela, 4
wells ; at 10 m. Motuka. Country and road as
above. A small village.

ROUTE No. 32.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Military.		
RESIDENT AT JETPUR. GENERAL OFFICER COMMANDING, NASHIRABAD BRIGADE.			<i>Camping Ground</i> .—N. of village and E. of road <i>Water</i> .—Abundant, from 4 wells and tank. <i>Supplies</i> .—
		5	GUNSI .—13 m. 4 f. At 1 m. 2 f. Barial, at 6 m. 4 f. Nawal, 3 wells and a tank. Here cross Route 69 from Nasirabad (8 marches) to Gwalior (15 marches); at 11 m. 7 f. pass Mondo. Country open and cultivated. Road as above. A moderate-sized village. <i>Camping Ground</i> .—W. of road and S.-W. of tank. <i>Water</i> .—From 2 wells and tank (plentiful). <i>Supplies</i> .—On notice.
		64 m. 4 f.	CHAKSU —8 m. 4 f. At 3 m. Katun, 2 wells S., E.S., (1½ m. to W.) and 2 tanks; at 2 m. 2 f. pass Rampura. Country as above. Road as above. From here metalled road runs to Joypur. A small town. <i>Camping Ground</i> .—S.-E. of town on E. of road. <i>Water</i> .—From 8 wells and 3 tanks. <i>Supplies</i> .—Abundant.
		73 m.	RUPHARI .—13 m. Road a mere country track, sandy and heavy. At 1 m. 3 f. cross nala, easy for carts; at 5 m. 2 f. cross the Dand river, 600 yds. wide, fordable except in rains; at 5 m. 5 f. Rapugam; at 9 m. 4 f. cross the road from Samria to Bipur.
		7	
		80 m.	

ROUTE No. 32.

ATTRIBUTES		No. of stages and total distance.	
Civil	Military.		
PRESIDENT AT JAIPUR. GENERAL OFFICER COMMANDING, NASIRABAD BRIGADE.			<p>Country open, soil hard, except after rains. A small village. <i>Camping Ground</i>.—400 × 200 yds. about 100 yds. right of road, and S. of village; requires clearing. <i>Water</i>.—From 2 wells and a nala. <i>Supplies</i>.—On notice.</p>
		8	<p>LOWAN.—10 m. At 1 m. 3 f. pass Imarain-pura; at 3 m. Tung; at 5 m. 1 f. Tanga.</p>
		96 m.	<p>Cross 4 nalas in this stage. Country as above. Road as above. A large village. <i>Camping Ground</i>.—About 270 yds N.-W. <i>Water</i>.—From 2 wells and a nala; from small tank close to camping ground. <i>Supplies</i>.—On notice.</p>
		9	<p>DAUSA.—8 m 7 f. At 2 m. 4 f. pass Pemb, p.-o., t.-s., r.-s. pura; at 3 m. 1 f. Bateri and cross the</p>
		104 m. 7 f.	<p>Morie river 200 yds wide, fordable; at 6 m. 2 f. Malarna, at 7 m. 1 f. Sinawara. Country open and cultivated. Road as above. Small town <i>Camping Ground</i>.—400 yds. 300 yds. to N. <i>Water</i>.—From wells; large tank 1½ m. S. of camping ground. <i>Supplies</i>.—Sufficient for a battalion and 200 to 300 animals. Small amount of transport available. By Route No. X to Delhi (15 marches). By Route No. 33 to Agra (10 marches).</p>

ROUTE No. 32-A.

FROM CHAKSU (Route 32, Stage C) TO JEYPUR.

Length 26 m.

3 marches.

Authority and date (month and year).—Captain Shuttleworth
45th Sikhs, July 1911.

AUTHORITIES.		No of stage and total distance.	ROUTE No. 32-A.
Civil.	Military		
RESIDENT AT JEYPUR.	GENERAL OFFICER COMMANDING, NAJIBABAD BRIGADE.		CHAKSU. —A small town. b. r. s. ($1\frac{1}{2}$ m. to W.) Camping Ground.—S. of town, E. of road. Water.—From 8 wells and 3 tanks Supplies.—Abundant.
		1	SHEODASPURA. —8 m 0 f. r. s. ($\frac{1}{2}$ m.) Camping Ground.—S. of village and 1 $\frac{1}{2}$ and W. of road. Water.—For men from 4 wells; for animals from 1 well W. of village. Supplies.—
		8 m. 0 f.	
		2	SANGANEIR. —9 m. 5 f. r. s. (2 m.) Camping Ground.—200 x 320 yds. and 1 $\frac{1}{2}$ of road and N. of road to r. s. Water.—5 wells; for animals from Sanganeir well, 700 yds. W. of road. Supplies.—
		18 m. 3 f.	
	3	JEYPUR. —7 m. 5 f.— b. p. a., l. s., r. s.	
		26 m.	

ACTIVITIES		No. of stage and total distance	ROUTE No. 32-A.
Ord.	Military.		
RESIDENT AT JEYPUR.			
C O C. NASIRAH BRIGADE.			<p><i>Camping Ground.</i>—(i) Near Residency, between railway and English cemetery 100 × 140 yds.</p> <p>(ii) W. of road $1\frac{1}{2}$ m. from Jeypur at junction of city and station roads, large enough for a brigade.</p> <p><i>Water</i>—On camping ground (i) 3 wells.</p> <p>On camping ground (ii) 2 wells, 40' deep and small trough.</p> <p><i>Supplies.</i>—Abundant. Transport available.</p> <p>Join Route X here.</p>

ROUTE No. 33.

FROM DAUSA TO AGRA.

Distance 110 m. 3 f.

10 marches.

Authority and date (month and year)—Officer Commanding
3rd Skinner's Horse, December 1910.

Epitome.—By Route 10 to Dausa. Thence general direction E. Good metalled road throughout, fit for all arms and for motors; for latter, careful driving would be necessary on leaving Jeypur. Water and supplies plentiful throughout, but notice should be given for supplies at some stages.

AUTHORITIES.		No of marches and total distance	ROUTE No. 33.
CIVIL.	MILITARY.		
RESIDENT AT JEYPUR.	GENERAL OFFICER COMMANDING, NASEERABAD BRIGADE	1	DUBI.—11 m. 6 f.—Road metalled and good throughout. 600 houses and a chhali.
		11 m. 6 f.	Camping Ground.—300 × 250 yds., about 190 yds. E. Water.—From 4 wells. Supplies.—Many shops.
		2	MANPUR AND PANCHAI.—10 m. 6 f.—
		22 m. 4 f.	Road as above. At 1 m. 4 f. pass well and garden; at 2 m. Bhojpur; at 3 m. Gardarpur; at 3 m. 3 f. cross the Kalsoli river, fordable except in rains; at 4 m. Baira; 6 m. 1 f. Raipur; at 8 m. Pipalkhi; at 9 m. 4 f. 2 wells. Country open and cultivated. Manpur is a large village, surrounded by a katcha wall, about 1/2 f. to the left of the road.

AUTHORITIES.

CIVIL MILITARY.

No.
of
stages
and
total
distance.

ROUTE No. 33.

RESIDENT AT JYOTPUR.

P. A. KARNY RAJPUTANA
STATION, DIPOLI UN.

GENERAL OFFICER COMMANDING, NASIRABAD BRIGADE

Camping Ground.—About 1,700 yds. S.-E. and left side of road.

Water.—From a few wells.

Supplies.—Several shops.

3 PATOLI.—8 m 1 f.—At 1 m. pass Khedla at 2 m. Raipur on the left and Petori on the

20 m.
5 f.

right, at 2 m 4 f. a well, at 3 m 6 f. Khara on the right; at 4 m 4 f. Kesunguri; at 5 m. 1 f. Hanuman-ki Chauki, at 5 m 5 f. Somra on the right; at 6 m 7 f. pass between 2 hills. Country open

A moderate-sized village, population 368, at the foot of a hill.

Camping Ground.—230 × 195 yds. about 280 yds S.-W.

Water.—From wells 60 f deep.

Supplies.—On notice.

4 KAMALPUR.—12 m. 4 f.—At 8 m. 7 f. pass Pipalkhero, at 3 m. 6 f. Majipur; at 8 m.

43 m.
1 f.

5 f. Monah, a large village. At 11 m. 6 f. enter Bharatpur State. Country open and cultivated

A small village.

Camping Ground.—35,000 sq. yds. about 275 yds S.-E. irregular shape.

Water.—Plentiful from Bangunga river and 6 wells, depth varying from 13½ to 25 ft.

Supplies.—On notice.

AUTHORITIES		No. of stage and total distance.	ROUTE No. 33.
Civil.	Military.		
F. A., EASTERN RAJPUTANA STATES, AT DHOLPUR.	GENERAL OFFICER COMMANDING, NASHIKHABAD BRIGADE.	5	HALENA. —11 m. 4 f.—At 9 m. cross Tangunga river, 600 yds. wide, bed sandy, banks easy, fordable except in rains; pass several small villages en route. Country as above. A large village. <i>Camping Ground</i> —About 340 yds. N.E. <i>Water</i> .— } <i>Plentiful</i> <i>Supplies</i> .— }
		54 m. 5 f.	
		6	BANSIKALAN. —12 m. at 6 f. pass Niswara; at 3 m 4 f. Aroda; at 5 m 6 f. Hantr, a large village; at 9 m. 7 f. Lohara. Country as above. Road sandy in parts. <i>Camping Ground</i> .—About 320 yds N.W. <i>Water</i> .—From a few wells. <i>Supplies</i> .—On notice (carriage available).
		7	BHARATPUR. —12 m.—Pass several small villages en route. At 6 m Tewar, a large village whence a metalled road to Uchen branches off to right. Country as above. Road sandy in parts. A large town surrounded by a mud wall, with a ditch; its shape is nearly square with sides about 1 m. in length. The ditch can be filled with water. The fort is on the N.-E. corner of the town and is surrounded by a very wide ditch with masonry rivetments. <i>Camping Ground</i> .—On N. side of road 2 m. W. of town. <i>Water</i> .— } <i>Abundant.</i> <i>Supplies</i> .— }
		78 m. 5 f.	

ACTIVITIES.		No. of stage and total distance.	ROUTE No. 33.
Civil	Military.		
T. A. KARTER RAJPUKANA STATION, AGRA. COLLECTOR O. O. C. 7th (MEERUT) DIVISION.	GENERAL OFFICER COMMANDING NAIRAHAD BRIGADE.	8	CHIKSANA. —9 m.—Pass Bachaon at 3 m. <i>t. s., r. s. (Ikran).</i> 2 f. and Nagaka-Sarai at 4 m. A small village. <i>Camping Ground.</i> —S. of road, spacious but requires cleaning. <i>Water.</i> —Good from wells near U. G. <i>Supplies.</i> —On notice.
		87 m. 5 f.	
		9	ACHNERA. —7 m. 4 f.—Enter British terri- tory at 2 m. In 7th (Meerut) Division.
		85 m. 1 f.	
		10	AGRA. —15 m. 2 f.—Joins Route 9 at Agra, In 7th (Meerut) Divi- sion.
		110 m. 3 f.	

ROUTE No. 34.

FROM NEEMUCH TO GOONA.

Distance 177 m. 6 f.

16 marches.

Authority and date (month and year).—

Epitome.—General direction road E. metalled and good as far as Banpura; after which it is a good made, but unmetalled road in Barod, then for one stage a level cart-track after which it joins the metalled

AUTHORITIES.		No. of stage and total distance	ROUTE NO. 34.
Civil.	Military.		
POLITICAL AGENT, MALWA, AT NEEMUCH.	GENERAL OFFICER COMMANDING, NAGRABAD BRIGADE	1	EAWAN. —13 m. Road metalled and good. Pass Gadora at 5 m. 2 f.; Reohi at 6 m. 0 f.; Dorkheri at 9 m. 4 f.; Jawasa at 10 m. 4 f. Country undulating and partly cultivated. Cross 9 nalas in this stage. A small village. Camping Ground.—E. and near village. Water.— } Abundant. Supplies.— }
		13 m.	
		2	
		26 m. 6 f.	KUKRESAR. —13 m. 6 f. At 5 m. 2 f. pass Manasia; at 7 m. Pathparra; at 9 m. 6 f. Dhanderi; at 11 m. Pipilla. Cross 11 nalas in this stage. Country as before. Road as above. A moderate-sized village. Camping Ground.—About 300 yds. E. Water.—Good, but scarce and indifferent in hot season. Supplies.—Plentiful.

AUTHORITIES.		No of stage and total distance	ROUTE No. 34.
Civil	Military.		
POLITICAL AGENT, MALWA, AT NERWACH. GENERAL OFFICER COMMANDING, NASIRABAD BRIGADE.		3	PAWAPUR 9 m. 6 f. 10. of the ...
		39 m.	...
			Road as above. A large double-walled town at the foot of ... of hills. <i>Camping Ground.</i> —On the E. and W. sides near trees and wells. <i>Water</i> —From wells and stream. <i>Supplies.</i> —Plentiful.
		4	TEHLA.—10 m. 6 f. At 2 m. 6 f. Samri; at 4 m. 4 f. Gujarth and cross the Chambal river by a very good ford after the 1st November and during the season ...
		49 m. 6 f.	(Bara) Mamuria. Cross Ansar river and 4 nalas in this stage. Road as above. A small village about 1 m. from right bank of Chambal river. <i>Camping Ground.</i> —Near village. <i>Water.</i> —Plentiful, good water, from wells near C. G. <i>Supplies.</i> —Must be collected.
		5	BHANPURA.—10 m. 4 f. Country waste open land for 4 m., then cultivated. Road as above. Pass Dabra at 4 f.; Kaunla at 4½ m.;
		60 m. 2 f.	

AUTHORITIES.		No. of stages and total distance.	ROUTE No. '34.'
Civil.	Military.		
POLITICAL AGENT IN KOTAH AND JHALWAR, AT KOTAH.	GENERAL OFFICER COMMANDING, IBRAHIM BRIGADE.		
RESIDENT, AT INDORE.	G. O. C. NARABHAD, BRIGADE.	6	<p>Sandarpur at 8 m. Cross several nalas en route. A large walled town.</p> <p>Camping Ground.—200 × 80 yds. E. of and near town.</p> <p>Water.—Plentiful, good from 4 wells and a sale near C. G.</p> <p>Supplies.—Abundant.</p>
		70 m.	<p>OSARA.—9 m. 0 / Country mostly cultivated. Road unmetalled, but good, 20 ft. wide.</p> <p>A village.</p> <p>Camping Ground.—100 × 180 yds. S. of and near village.</p> <p>Water.—Plentiful, good, 3 wells near C. G.</p> <p>Supplies.—Must be collected.</p>
		79 m. 4 f.	<p>BHILWARA.—0 m. 4 f. Country and road as above. Cross the Nagda-Muttra Railway near Shri Chattrapur station. At 4 m. Kalakhuri; at 6½ m. Pipra. At end of stage cross Ahu river by causeway, impassable in the rains.</p> <p>A village on both banks of the Ahu river.</p> <p>Camping Ground.—386 × 232 yds. about ½ m. from river.</p> <p>Water.—Five wells near camping ground; for animals from river.</p> <p>Supplies.—On notice.</p>
		88 m. 2 f.	<p>JHALRAPATAN.—8 m. 6 f. Country as above. Good metalled road 10 ft. wide. At 4 m. Singaula; at 8½ m. Ralaita.</p>

ROUTE No. 34.

AUTHORITIES.		No. of stage and total distance.	
Civil	Military.		
POLITICAL AGENT IN KOTAH AND JHALAWAR, AT KOTAH. GENERAL OFFICER COMMANDING, JHANSI BRIGADE.			<p>A large walled town, capital of Jhalawar State, commanded by a hill fort. Also a big Hindu and Jain centre.</p> <p><i>Camping Ground</i>—$\frac{1}{2}$ m. from road.</p> <p><i>Water</i>.—Plentiful, good, from wells near C.G.</p> <p><i>Supplies</i>.—Abundant.</p> <p>By route 30 from Agra (4 marches) and Mhow (13 marches).</p> <p>By route 37 Bhopal (12 marches)</p> <p>By route 77 Scugor (16 marches).</p>
		9	<p>ASNAWAR.—10 m. 6 f. Country mostly cultivated. Road metal- p. o. lled, but in bad condition as far as Kali Sind river. Beyond river an unmetalled road 30 ft. wide. Pass Bagdar at $2\frac{1}{2}$ m. and cross Kali Sind at 5 m. by causeway in dry season, ferry in rains; pass Puparil at $5\frac{1}{2}$ m.</p> <p><i>Camping Ground</i>.—280 \times 150 yds. W. of road.</p>
		99 m.	
		10	<p>AMETA—3 m. 6 f. Country cultivated, with low hills and thick jungle in places. Good unmetalled road 20 ft. wide. Pass Talwara at 2 m. and Dangar gaon at $5\frac{1}{2}$ m.</p> <p>A small village.</p> <p><i>Camping Ground</i>.—280 \times 150 yds. S. of road</p>
		107 m. 6 f.	

AUTHORITIES.		No. of stage and total distance.	ROUTE No. 34.
Civil	Milit- tary.		
RESIDENT AT JETPUR.	P. A., KOTAH AND JHALWAR, AT KOTAH.	GENERAL OFFICER COMMANDING, JHANSI BRIGADE.	
		11	SARTHAL —15 m. 2 f. Country and road as p. a. above. Cross the Ghur (fordable after heavy rain) by masonry causeway at 4 m. Past Aklera at 9 m. and Paswan river (impassable for a few days in heavy rains) at 11 m. A small village. <i>Camping Ground.</i> —Close to village. <i>Water.</i> —Plentiful from wells near C. G. <i>Supplies.</i> —Procurable.
		123 m.	
		12	BAROD (CHIPA) —12 m. 4 f. Country fully p. a. cultivated except on Ghata. Road as above. Cross 2 small ranges of hills. At 4½ m. Kalpi; at 7½ m. Baranda. A large village. <i>Camping Ground.</i> —S. of village and close to Lathi river. <i>Water.</i> —Plentiful, good, from wells, near camp- ing ground; from stream for animals. <i>Supplies.</i> —Procurable.
		133 m. 4 f.	
		13	CHHABRA. —9 m. 4 f. Country as before. p. a., r. a. Road a level cart-track. At 3½ m. Daulatpura; at 5½ m. cross Andheri river by ford, impas- sable after heavy rain.
		145 m.	

ATTENDANCES.		No. of stage and total distance	ROUTE No. 34.	
Ord.	Military.			
RESIDENT AT QWALUO.	G. O. C., JIANGSI BRIGADE.	14	BHOLAUN.—9 m.— r. s.	} See Route XI, stages 16 to 18.
		154 m.		
		15	DHARNAUDA.—8 m. 6 f. p. o., r. s.	
		162 m. 6 f.		
		16	GOONA.—15 m. b., p. o., l. s., r. s.	
		177 m. 6 f.		

ROUTE No. 35.

FROM KOTAH TO SIPRI.

Length 131 m.

10 marches.

Authority and date (month and year).—Corrections by General Officer-Commanding, Jhansi Brigade, September 1913.

Epitome.—General direction E. Road mere cart-track, usually tolerable, but stony and difficult, in parts good. Water procurable, but at some stages indifferent. Supplies usually procurable on notice.

AUTHORITIES.		No. of stage and total distance.	ROUTE No. 35.
Civil.	Military.		
POLITICAL AGENT, KOTAH AND JHALWAR, AT KOTAH.	GENERAL OFFICER COMMANDING, JHANSI BRIGADE.		KOTAH.—By Route XI from Nasirabad (9 b., p. o., l. s., r. s. marches) and by Route 20 from Bhow (17 marches).
		1	DICOD.—16 m. Road good and metalled for 8 m., then unmetalled. Country jungly with partial cultivation. At 7½ m. Jhalapura. A village.
		10 m.	Camping Ground.—Near village. Water.—Plentiful. Supplies.—
		2	SARAG KHERLI.—10 m. Road a country cart-track. Nalas generally fordable. A village on left bank of Kali Sindh river.
		26 m.	Camping Ground.—Near village. Water.—Plentiful. Supplies.—Procurable.

AUTHORITIES.		No. of stage and total distance.	ROUTE No. 35.
Civ.	Military.		
POLITICAL AGENT, KOTAH AND JHALAWAR, AT KOTAH GENERAL OFFICER COMMANDING, JHANSI BRIGADE		3	BARAN. —20 m. Country jungle with little cultivation. Road difficult. Cross the river on starting, fordable except after heavy rains. <i>Camping ground.</i> —Near village. <i>Water.</i> —Procurable. <i>Supplies.</i> —Scarce.
		48 m.	
		4	KISHANGANJ. —10 m. Country as above. Road unmetalled. Cross Parbati (fordable except after heavy rains) by causeway. At 6½ m. pass Ran Barod at 9 m. A large village. Headquarters of district. <i>Camping Ground.</i> —200 yds W. of village on N. side of road. <i>Water.</i> —From wells, plentiful. <i>Supplies.</i> —On notice.
		53 m.	
		5	BHANWARGARH —10 m. Country scantily cultivated; road unmetalled. Pass Rampura at 2 m. A large village <i>Camping Ground.</i> —Near edge of lake, shady, not demarcated <i>Water.</i> —Plentiful from lake, very scanty from well. <i>Supplies.</i> —Procurable.
		68 m.	
		6	SAMRANIA. —15 m. Country flat, with grass jungle. Road good, but unmetalled. Pass Kailwara at 7 m. and Uri at 9. m. A large village.
		81 m.	

AUTHORITIES.		No. of stage and total distance	ROUTE No. 35.
Civil.	Military.		
STUDENT AT GWALIOR.			<p><i>Camping Ground.</i>—$\frac{1}{2}$ m. E. of village. <i>Water.</i>—Scanty, indifferent, from well and nala near C. G. <i>Supplies.</i>—Scanty.</p>
		7	<p>SHAHABAD.—14 m. Country undulating with scrub jungle and little cultivation. Road good. A large town with Tahsil.</p>
		95 m.	
			<p><i>Camping Ground.</i>—$\frac{1}{2}$ m. E. of town. <i>Water.</i>—Abundant, good from 2 wells on E. of C.G. <i>Supplies.</i>—Plentiful.</p>
		8	<p>SANDRI.—14 m. Country hilly and stony with thick jungle. Road as above to Dheri at 7 m. then a difficult, stony track. Cross the Kuan (fordable except after heavy rain) soon after starting. A small jungle village.</p>
		109 m.	
			<p><i>Camping Ground.</i>—160,000 sq. yds. $\frac{1}{2}$ m. S.W. of village. <i>Water.</i>—Indifferent and limited from 2 wells and nala near C.G. <i>Supplies.</i>—Nil.</p>
		9	<p>RAJGARH.—11 m. Country and road as above. Pass Kajuri at 4 m. and Ganjari at 7 $\frac{1}{2}$ m. A large village.</p>
		120 m.	
			<p><i>Camping Ground.</i>—$\frac{1}{2}$ m. E. of village. <i>Water.</i>—Plentiful, good, from a well on, and one near, C. G. <i>Supplies.</i>—Procurable.</p>

ATTACHMENTS.		No. of stage and total distance.	ROUTE No. 35.
Civil.	Military.		
R. AT GWALIOR	G. C. C. JHANSI BRIGADE.	10	SIPRI.—11 m. Country open, undulating <i>b., p.o., f.s.</i> and cultivated. Road a good cart-track. Pass Pipasawa at 5 m. By Route No. VIII to Jhansi (6 marches). By Route No. IX to Gwalior (6 marches).
		131 m.	

ROUTE No. 36.

From MHOW to SAUGOR.

Length 231 m. 5 f.

21 marches.

Authority and Date (month and year).—56th Rifles, January 1910.

Summary.—General direction N.-E. Road metalled and good as far as Bhopal. Rivers fordable except in flood, and crossed by stone bridges. From Bhopal to Bhuba the road is unmetalled but fair, all arms in fair weather. Thence unmetalled. Thence fairer which it is raised and motors as far as Bhopal. impracticable.

AUTHORITIES		No of stage and total distance	ROUTE NO. 33.	
CIVIL	Military			
RESIDENT AT INDORE.	G. O. C., 5th (MHOW) DIVISION.	1	INDORE.—13 m. 0 f.— b., p.o., l.s., r.s.	See Main Route No. VIII. Fairly good metalled road throughout.
		13 m. 6 f. 2	DAKACHIA.—12 m. 7 f.	
		26 m. 5 f. 3	DEWAS.—10 m. 1 f. b., p.o., l.s.	
		36 m. 6 f. 4	BHAURASA.—9 m. 3 f.	
		45 m. 1 f.	At 2 m. pass Jetpur, about 5 f. to left; at 4 m. 6 f. Khatana. Country partly cultivated and partly jungle. A large village about 1 m. N. of road. Camping Ground.—On right of road. Water.—From several wells. Supplies.—Abundant.	

DISTANCES.

MIL-
ITARY.No
of
stage
and
total
distance

ROUTE No. 36.

REPORT AT GWATIOR.

GENERAL OFFICER COMMANDING, JHANSI BRIGADE.

- | | | |
|---|---------------|---|
| 5 | 53 m. | <p>SONKACH.—9 m. 7 f. At 4m pass dak bung-
low on left of road, at
4 m. 4 f. Urma and
cross Londri river, paved, fordable, at 5 m.
6 f. Phawra, at 9 m. Samar, at 9 m. 3 f. cross
Kali Sindh river, 84 yds wide, fordable except
in rains. Country open and cultivated.
Road unimproved.</p> <p>A small town near Kali Sindh river.
Camping Ground.—150×150 yds. S. of road
about ½ m. from river.
Water.—For 1 battalion from river and a few
wells.
Supplies.—Nil.</p> |
| 6 | 65 m. | <p>METWARA.—9 m. Pass Daulatpur (bunga-
low) at 4½ m. A very
small village.</p> <p>Camping Ground—300 yds. E. of village.
Water.—Good, but limited from 2 wells in
vicinity of C G.
Supplies.—Nil.</p> |
| 7 | 81 m.
6 f. | <p>ABHTA.—16 m 11 f. Country open and culti-
vated except from
4th to 10th m., which
is hilly and jungly. Cross a stream at 11 m.
6 f. by ford over a stone causeway, passable
except after heavy rains, and Parbati river
at end of stage by similar causeway.</p> <p>A fair-sized town on right bank of the Parbati.
Country undulating, open and cultivated.
Road as above.</p> <p>Camping Ground.—Small site E. of town and
S. of road.</p> |

ROUTE No. 36.

AUTHORITIES		No. of stage and total distance.	
Civil.	Military.		
POLITICAL AGENT IN BHOPAL, SEHORE.	GENERAL OFFICER COMMANDING, JHANSI BRIGADE		<p><i>Water.</i>—For 1 battalion from 2 wells, one in bungalow compound and the other 200 yds. W. of C. G.</p> <p><i>Supplies.</i>—Abundant.</p>
		8	ANLAI.—13m. 2f. Country undulating, open and cultivated. Road as above.
		95m.	<p>A small village.</p> <p><i>Camping Ground.</i>—270×140 yds. E. of road.</p> <p><i>Water.</i>—For 1 battalion from 2 wells, 1 in village, and other 300 yds. W. of C. G.</p> <p><i>Supplies.</i>—Nil.</p>
		9	SEHORE.—12m. Country undulating, open and cultivated, a little hilly in 7th and 8th m. Road as above, except over the Ajnas nala, crossed at 4 m by a raised stone causeway.
		107m.	<p>A town and small cantonment.</p> <p><i>Camping Ground.</i>—N. of road and about 150 yds. from nala.</p> <p><i>Water.</i>—Good, for 1 battalion, from well 100 yds. S.-E. of C. G., for animals from nala.</p> <p><i>Supplies.</i>—Plentiful.</p>
		10	KAJURI.—12 m. Country flat, open and cultivated. Road as in last stage. Pass
		119 m.	<p>Panda at 10 m.</p> <p>A small village.</p> <p><i>Camping Ground.</i>—150×150 yds. N.-W. of bungalow.</p>

ATTENDANCES.		No of state and total distance.	ROUTE No. 36.
Civil.	Military.		
POLITICAL AGENT IN BHOPAL, SEHORE, GENERAL OFFICER COMMANDING, JHANSI BRIGADE.			<p>Water—Good, from well in bungalow compound. Supplies.—Nil.</p>
		11	<p>BHOPAL.—11m Country open and cultivated, but hilly for last 3 m. Road as above. At 9 m. descend Naiapur Ghat. A large city, capital of State Camping Ground—520×370 yds (adjoins road). Water.—Good and plentiful from wells on C. G.; for animals from lake 600 yds. from C. G. Supplies—Abundant Route 37 crosses and Route 76 starts here.</p>
		130 m.	
		12	<p>DIWANGANJ.—14m 2f. Country open and p. o., r. s. (2 m) cultivated; road unmetalled but fair; the worst <i>nalas</i> are bridged. A small village Camping Ground—310×200 yds S of road. Water.—Plentiful and good from well 150 yds. N and from tank 200 yds. W. of C. G. Supplies—Limited</p>
		144 m. 2f.	
		13	<p>SALAMATPUR OR GULGAON.—9m. Country as above. Road 15 ft. wide. neither metalled nor bridged, passable for all arms in dry weather, but difficult in rains. Cross and re-cross railway line, and cross the Gera-pachar at 5 m., fordable in dry weather. A small village.</p>
		153 m. 2f.	

AUTHORITIES.

Civil.

Milit-
tary.No
of
stage
and
total
distance

ROUTE No. 38.

P. A. IN BHOPAL AT SEJORE.

RESIDENT AT GWALIOR.

GENERAL OFFICER COMMANDING, JHANSI BRIGADE.

14

163 m.

Camping Ground.—300×240 yds. bad, N.-W. of village and W. of Gulgaon Jhil.
Water.—From a well S. E. of C. G.
Supplies.—On notice.

BHILSA.—9m. 6f. Road good and passable
 p o, r. a. for all arms, metalled
 road for last 4½ m.

A large walled town with a fort.
Camping Ground.—Small site near railway station about 1 m. from the Betwa river.
Water.—Plentiful from 2 wells on C. G.; for animals from tank 400 yds. N.-W.
Supplies.—Abundant.

15

173 m.
6f.

KHARI.—10m. 6f. Country as above. Road made but not metalled
 Cross Neon twice,
 fordable except in floods.

A village.
Camping Ground.—Small site 100 yds. from village.
Water.—From Seo nadi, requires boiling; water in village well bad.
Supplies.—Scarce.

15

158 m.
4f.

GARISPUR.—12m. 6f. Country open and cultivated. Road fair in fine weather, impassable in rains. Pass Nairpur at 2m. 2f. and cross Kenton, fordable except during rains.

A moderate-sized village.
Camping Ground.—147,500 sq. yds. in a large garden close to village and road.

AUTHORITIES.		No of stage and total distance.	ROUTE No. 36.
Gr2	Military.		
RESIDENT AT GWALIOR.	G. O. G. JHANSI BRIGADE	17	<p><i>Water</i>.—Good, for 1 battalion, from well near C. G.</p> <p><i>Supplies</i>.—Scarce.</p> <p>BAGHOD.—9m. 6f. Country jungly. Road as above.</p> <p>A village.</p> <p><i>Camping Ground</i>—30,500 sq. yds. near village on N. side of road.</p> <p><i>Water</i>—Plentiful, good, from 2 wells, one 200 yds. S.-W. of and other just N. of C. G.</p> <p><i>Supplies</i>.—Limited.</p>
		196m. 2f.	
DEPUTY COMMISSIONER OF SAUGOR.	G. O. G. JUDHPUTUR BRIGADE	18	<p>RAHATGARH.—12m. 1f. Country hilly and rocky. Road a mere cart-track, about 9 ft wide, unbridged, except over the Bina and impossible for wheeled traffic after heavy rains. Cross the Babrai at 3 m. 5 f. (fordable except after heavy rain). Mirzapur police outposts) at 6 m. 1 f. and the Bina (bridged) at end of stage.</p> <p>A town.</p> <p><i>Camping Ground</i>.—160,000 sq. yds. N. of road and $\frac{1}{2}$ m. from Bina river.</p> <p><i>Water</i>.—From well 400 yds. S. E. of C. G.; for animals from Bina river.</p> <p><i>Supplies</i>.—Plentiful.</p>
		203 m. 3f.	
		19	<p>BAIRKAIRI.—7m. 6f. Country as above, then open and cultivated. Road 15 ft. wide, raised, but unmetalled, bridged and suitable for all arms. Rough and stony for first 4 m. Difficult in rains.</p>
		216 m. 1f.	

AUTHORITIES.

Civil

Military.

No
of
stages
and
total
distance

ROUTE No. 33.

DEPUTY COMMISSIONER OF RAJOURI

GENERAL OFFICER COMMANDING, JUBBULPUR BRIGADE.

20

234 m.
1 f.

A very small village.

Camping Ground—90,000 sq. yds. N. of road,
1½ m. E. of village.*Water*.—Fair, for a battalion, from a well near,
and (for animals) from a *sala* ½ m. W. of C. G.*Supplies*—Nil.**BHAPEL**.—8 m. Country hilly with much
cultivation. Road as
above. Pass Moheraat 6 m. Cross Dhasan river (100 yds. wide)
at 6 m. 2 l., Schora at 7 m.

A village.

Camping Ground.—94,390 sq yds., on both
sides of road*Water*.—From a well to N of road, and (for
animals) from stream N.-W. of C. G.*Supplies*—Abundant.

21

234 m.
5 f.**SA'JGOR**—10 m. 4 f. Country as above.
l., p. a., l. s., r. s. Road bridged and in
fair order, metalled

for last 7 m. from Ratna.

Cross Kharam nadi on starting by stone bridge.

See Route No. 11.

By Route 33 to Jhinsi (13 marches).

By Route 40 to Nowgong (11 marches).

By Routes 11 and 6 to Jubbulpore (10
marches).

ROUTE No. 37.

FROM BETUL BADNUR TO JHALRAPATAN.

Length 247 m. 6 f.

21 marches.

Authority and date (month and year) —

Epitome.—General direction N. N. W. A good road metalled and in parts bridged, as far as Kilechpur, with the exception of the part between Hoshungabad and Bhopal, which is a mere cart-track. Beyond Kilechpur a cart-track, fair in parts, but rough and stony in places, the stage between Bhojpur and Bhalta being unsuitable for guns. With this exception the road is suitable for all arms. The only serious obstacle is the Nerbada River, which is crossed by ferry. Mules should enter from Hoshungabad to Hiranis, and could not go beyond Kilechpur. Water scarce in many places, especially in hot weather. Notice should be given for supplies.

AUTHORITIES.		No. of stage and total distance	ROUTE No. 37.
Div	Military		
DEPUTY COMMISSIONER AT BETUL.	GENERAL OFFICER COMMANDING, JUBHUPUR BRIGADE.	1	BETUL BADNUR.—From Kampti in 10 p. o., r. s. matches, 100 m. Route 12 from Ellichpur ends here.
		13 m. 5 f.	NIMPANI.—13 m. 5 f. First class road metalled and bridged. Cross Machna river and many <i>nalas</i> bridged, and Badnur road branches off E. to Chindwara. A good sized village. Camping ground.—Kept clear. Water.—From wells and <i>nalas</i> . Supplies.—Plentiful.

ROUTE No. 37.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Military.		
D. C. AT HOSHUNGABAD	DEPUTY COMMISSIONER OF SAUGOR. GENERAL OFFICER COMMANDING, JUBBULPUR BRIGADE.	2	DHAR.—22 m. 2 f. Road as above. Soil p. o. stony, cross Machna river again, and many <i>nalas</i> bridged. A small village. Camping Ground.— Water.—From wells, insufficient in summer Supplies.—On notice.
		35 m. 7 f.	
		3	KAISLA.—7 m. 7 f. Road as above. Soil p. o. sandy, dense jungle all the way. Cross several <i>nalas</i> bridged. A good-sized village. Camping Ground.— Water.—From wells (1 pukha well with ample water) scarce in hot season. Supplies.—On notice.
		43 m. 6 f.	
		4	PATROTA.—8 m. 4 f. Road metalled and partially bridged. Cross several <i>nalas</i> unbridged. A small village. Camping Ground.— Water.—Ample from wells. Supplies.—On notice.
		52 m. 2 f.	
		5	HOSHUNGABAD.—13 m. 2 f. Road as above. Soil black. Cross numerous <i>nalas</i> , bridged and unbridged. At 3 m. Itarsi junction. A large town and civil station on left bank of Narbada.
		65 m. 4 f.	

ATTORITIES.		No of stage and total distance.	ROUTE No. 37.
Civil	Military		
DEPUTY COMMISSIONER AT HOSHINGNAGAR GENERAL OFFICER COMMANDING, JUBBULPUR BRIGADE			Here cross route No XII. From Jubbulpur (17 marches). From Mhow 15 " } From Ahmedabad (35 ") <i>Camping Ground</i> —600×400 yds ½ m. N. W. of town. <i>Water</i> .—Ample, from wells and Narbada River. <i>Supplies</i> —Ample
		6	CHOKA. —9 m. Country hilly and wooded. Road a mere country track only 9 ft wide. For last 3 m difficult for wheeled traffic, but passable. Cross the Narbada by ferry on starting, 600 yds wide and unfordable; 4 boats each carrying 30 men. <i>Camping Ground</i> .—E. of and close to road <i>Water</i> .—Good but limited, from well 400 yds. N. of C G. <i>Supplies</i> .—Nil.
		7	BISANKHERA. —12 m. Road as before to Hirania, whence metalled road is being constructed (1908) to Bhopal. From Hirania a metalled road goes to Kaha Kheri (6 m. N E.). <i>Naks</i> only unfordable after very heavy rain. Cross stream at end of stage by strong stone bridge. A small village. <i>Camping Ground</i> .—230×220 yds. 300 yds. W. of village. <i>Water</i> .—Good, for 2 battalions, from 3 wells, 1 on, and 1 near, C. G. <i>Supplies</i> —Nil.

AUTHORITIES.		No. of stage and total distance	ROUTE No. 37.
Civil.	Military.		
POLITICAL AGENT IN BHOPAL AT SEHORE.	GENERAL OFFICER COMMANDING, JHANSI BRIGADE.	8	MISROD. —11 m. 4 f. Road hilly in parts, r. s. generally open. Metalld road under construction (1908). Streams strongly bridgd.
		93 m.	A small village. Camping ground.—150×100 yds. S. E. of r. s. Water.—Good, for 2 battalions, from 2 wells, 1 on, and other near, C. G. Supplies.—Very limited.
		9	BHOPAL. —7 m. Country and roads as above. A large city. Here passes route
		103 m.	No. 36 From Bhow (11 marches). From Saugor (10 marches). Camping ground.—250×370 yds. Water.— } Plentiful. Supplies.— }
		10	JHARKHERA. —14 m 4 f.—Metalld road, b. open and cultivated country.
		119 m. 4 f.	
		11	SHAMPUR. —9 m. 4 f. Road as above. Pass Duraha at 4 m. (3 wells on C. G.) Imlia at 5½ m.
		129 m.	

ACCOMMODATION

Civ. Mil-
itary.No
of
stage
and
total
distance.

ROUTE No. 37.

POLITICAL AGENT IN BHOJAL AT SEHORE

GENERAL OFFICER COMMANDING, JHANSI BRIGADE.

Camping Ground.—No fixed ground.
Water.— }
Supplies.— } Procurable.

12

142 m.
3 f.

JAMONIA.—13 m. 3 f. Road as above. At
 b. 4 m 4 f Hingona (b)
 and cross Parbati river.

Camping Ground.—No fixed ground.
Water.— }
Supplies.— } Procurable.

13

153 m.
5 f.

NARSINGARH.—11 m 2 f. Road as above.
 b., p. o., r. s. A large town at wes-
 tern foot of a fortified
 hill.

Camping Ground.—430×260 yds. close to
 town, well shaded ground, stony, soil
 murram and badly drained, and becomes
 a quagmire in the rains.

Water.—Good from 3 wells. For animals,
 from tank, all on C. G.

Supplies.—Abundant.

14

174 m.
5 f.

BIAORA.—21 m. Country *jungle* with par-
 tial cultivation and
 hilly in parts. Road
 as above. *Nalas* generally fordable. Pass
 Bapcha (b).

Dispensary in village.

Here cross main Route No. 3 Bombay-Agra
 road.

AUTHORITIES

Civil.

Milit-
tary.No.
of
stage
and
total
distance.

ROUTE No. 37.

POLITICAL AGENT IN BHOPAL AT SEHORE.

GENERAL OFFICER COMMANDING, JHANSI BRIGADE.

15

159 m.
5 f.

16

199 m.
5 f.

Marches.

From Bhow 11

To Goona 6

To Jhansi *via* Goona and
Route No. 74 .. 14To Gwalior *via* Sippi and
Route No. 9 .. 16

Camping Ground.—500 × 250 yds.

Water.—

Supplies.—Large amount.

Small amount of transport available.

15 RAJGARH.—15 m. Metalled road.

b. Cross Ajnar river
three times, Naira-

khar at end of stage.

A town on left bank of Nairakhar river.

Camping Ground.—No fixed ground.

Water.—From wells and river.

Supplies.—Plentiful.

16 KHILICHPUR.—10 m. Road as above.

b., p. a. Country hilly and
jungly with patches ofcultivation. Cross rocky b'd of Ghar just
before reaching camp. 50 yds. wide, dry
in hot weather and fordable in rains. A
town on the banks of the Ghar.Camping Ground.—On both sides of road just
before entering town.Water.—Plentiful, good, from wells; that in
river, bad.

Supplies.—Procurable.

ROUTE No. 37.

STATIONS.		No. of stage and total distance.	
Co. 1	Military.		
POLITICAL AGENT IN PROPAI, AT RAJOUR GENERAL OFFICER COMMANDING JHANSI BRIGADE. P. A. P. KOTAH AND JHALAWAR, AT AGOTAH.		17	BHOJPUR. —9 m. 1 f. Road = cart-track, fair, but stony, rough and steep in places.
		208 m. 6 f.	Nalas easy. Pass Daula; at 4 m. and Dabli at 7 m. A village. Camping Ground.—200×80 yds. W. of village. Water—From wells, scarce in hot weather. Supplies.—On notice.
		18	BHALTA. —10 m. 4 f. Road at first a fair cart-track, then bad, rough and stony, unsuitable for guns. Pass Amlanda at 8 m. and cross the Chapi (fordable except after very heavy rains). A village. Camping Ground.—Left of road just before entering village. Water—Plentiful, good, from wells. Supplies.—On notice.
		219 m. 2 f.	
		19	RATLAI. —12 m. 4 f. Country hilly in parts and mostly jungle. Road = country track. at first rough and bad, but second half good. Nalas as above. Pass Banlikhera at 4 m. A large village. Camping Ground.—To W. of village. Water.—Plentiful but indifferent from wells. Supplies.—On notice.
		231 m. 6 f.	
		20	RICHWAN. —7 m. 2 f. Country hilly to right, open to left. Road 2 ft. wide, = country track only. Nalas as before.
		239 M. 4 f.	

AUTHORITIES.		No. of stage and total distance.	ROUTE No. 37.
Civil	Military.		
P. A. AT KOTAH AND JHALAWAR, AT KOTAH.	G. O. C., JHANSI BRIGADE		<p>At 5½ m. Borkhera. A large village. <i>Camping Ground.</i>—Near village (small). <i>Water.</i>—Plentiful, good, from wells. <i>Supplies.</i>—Procurable.</p>
		<p>21</p> <p>247 m. 6 f.</p>	<p>JHALRAPATAN.—8 m. 2 f. Road 30 ft. wide unmetalled but good. Cross Kali-sindh at 4 m. by ford over a good stone cause way river always fordable except for a few days after heavy rain.</p> <p>At 4½ m. Banjara. <i>Camping Ground.</i>— <i>Water.</i>— <i>Supplies.</i>—</p> <p>} See route No. 30.</p> <p>By route 30 from Mhow (13 marches) and Agra (4 marches). By route 34 from Neemuch (8 marches) to Goona (8 marches). By route 77 to Sironj, and thence by Route 11 to Saugor (16 marches).</p>

ROUTE No. 33.

FROM KAMPTEE TO GWALIOR.

Length 420 m. 6 f.

42 marches.

Authority and date (month and year).—Jhansi to Gwalior, Major Hewetson, Royal Field Artillery, May 1911; last stage, Captain Wilford, 30th Lancers, October 1911.

Epitome.—General direction N. A metalled road throughout suitable for all arms. From Kamptee to Chindwara good and partially bridged; thence to Narsinghpur hilly; from there to Saugor, road only fair. Thence to Lalitpur very good. Between Lalitpur and Jhansi the road is very good, but for motors careful driving is necessary, as there are several sharp bends at villages. There are also several unprotected causeways. Betwa river can be crossed in dry weather.

and by ferry-boat in rains.

Supplies on notice throughout, and water for a battalion.

By Route 6 from Wellington.

By Route 7 from Bombay to Nagpur and then by Route 6

AUTHORITIES.		No of stage and total distance	ROUTE No. 33.
Civil.	Military.		
D. C. SAUGOR	G. O. C. JURGULOUR BRIGADE	1	PATANSAONGI—13 m 1 f. Road metalled and bridged except over Kuhar river and dry <i>nalas</i> . Black soil. A large village. Camping Ground— Water.—From wells and rivers. Supplies.—Abundant from a few shops.
		13 m. 1 f.	
		2	SAONAIR—8 m. Road as above, pass several small villages and <i>nalas</i> . A large village, with few shops.
		21 m. 1 f.	

AUTHORITIES.		No. of stage and total distance.	ROUTE No. 38.
Civil.	Military.		
DEPUTY COMMISSIONER, CHHINDWARA.	GENERAL OFFICER COMMANDING, JUBBULPUR BRIGADE		<p>Route 29 branches off to Mhow (27 marches, via Bargaon and Route III) and to Baroda (43 marches).</p> <p><i>Camping Ground.</i>—800 yds. E. of village near serai.</p> <p><i>Water.</i>—Several wells, also from river.</p> <p><i>Supplies.</i>—Abundant.</p>
		3	<p>BOREGAON.—12 m. Road m. talked and bridge 1st class. A small village.</p> <p><i>Camping Ground.</i>—Good.</p> <p><i>Water.</i>—Abundant.</p> <p><i>Supplies.</i>—On notice.</p>
		33 m. 1 f.	<p>RAMAKONA—14 m. Road as above. Cross Jam and Kubbhara rivers, unbridged and low nalas. A moderate-sized village.</p> <p><i>Camping Ground.</i>—To S.</p> <p><i>Water.</i>—Abundant.</p> <p><i>Supplies.</i>—For a large number of troops on notice.</p>
		4	
		17 m. 1 f.	
		5	<p>UMRI NALA.—14 m. Road as above. Cross Kubbhara river, unbridged, fordable in hot and cold season; also a few dry nalas. No village.</p> <p><i>Camping Ground.</i>—Good to S. of road. Ground not kept cleared.</p> <p><i>Water.</i>—From a pakla well close by.</p> <p><i>Supplies.</i>—From Alalber.</p>
		61 m. 1 f.	

Col.	Mil.	of stage and total distance
304.	14.	

ROUTE No. 38.

6	75 m. 1 f.	<p>CHHINDWARA.—14 m. Road as above. b, p., l.s., r.s. Cross Kumbhera river (unbridged) and 7 nalas.</p> <p>A large town. Headquarters of Deputy Commissioner. By route 41 to Pachmar (8 marches). Camping Ground.—Good, locally known as Gulab Rai's Amrai, 1½ m. from station.</p>
7	88 m. 5 f.	<p>SINGORI—13 m. 4 f. At 7 m. 4 f. pass l, p.o. Chemama; at 8 m. 4 f. Tenduri, and as-</p> <p>Camping Ground.—To S. of village (good). Water.—Good, from pakka well in Public Works Department compound and tanks. Supplies.—Procurable.</p>
8	99 m. 5 f.	<p>AMARWARA.—11 m. Road as above. p.o. Cross river 150 yds. wide.</p> <p>A large village. Camping Ground.—To S. of village called Jagatdeo hill. Water.—From well in front of missionary bungalow. Supplies.—Plentiful.</p>
9	106 m. 1 f.	<p>JUNGAWANI.—6 m. 4 f. Country hilly and jungly. Road as above. At 2 m. pass Jamnia and descend Malodoni, and</p>

AUTHORITIES.		No. of stage and total distance.	ROUTE No. 38.
Civil.	Military		
DEPUTY COMMISSIONER AT CHINDWARA.	GENERAL OFFICER COMMANDING, JUBBULPUR BRIGADE.		Duladeo ghats each 5 f. Cross Sakkar at end of stage. A small village. <i>Camping Ground</i> .—Good, to S. of village. Ground not kept cleared. <i>Water</i> .—From a spring in Jungawani nala and a well close by. <i>Supplies</i> .—From Amrawara.
		10	BORENA—9 m. 7 f. Country and road as above. A small village.
		116 m.	<i>Camping Ground</i> .—To S.-E. of village. <i>Water</i> .—From Sakkar river and Jungawani nala. <i>Supplies</i> .—From Harrai.
		11	HARRAI.—8 m. 1 f. Road as above. Country jungly. A large village.
D. O. AT NARSINGPUR.	GENERAL OFFICER COMMANDING, JUBBULPUR BRIGADE.	124 m. 1 f.	<i>Camping Ground</i> .—To S. of village. <i>Water</i> .—Plentiful, good, from pakka well on C. G. <i>Supplies</i> .—Plentiful.
		12	PARTAPUR.—10 m. 6 f. Country hilly and jungly. Road as above. At 3 m. 4 f. pass Dular 2 f. to left; at 6 m. 4 f. Sakya 6 f. to 1-ft. A small village. <i>Camping Ground</i> .—No regular ground, but site available. <i>Water</i> .—From a nala and well. <i>Supplies</i> .—Scarcely.

ACCOMMODATION		No. of stage and total distance.	ROUTE No. 38.
Ord.	Military.		
DEPUTY COMMISSIONER AT NARSINGHPUR.	GENERAL OFFICER COMMANDING, JUBBULPUR BRIGADE.	13	JAIPUR.—8 m. 5 f. Road and country as above. At 2 m. 7 f. pass Kamdari; at 5 m. 7 f. pass Piparpani. A small village. <i>Camping Ground</i> .—No regular ground. But site available. <i>Water</i> .—From a <i>tala</i> . <i>Supplies</i> .—On notice.
		143 m. 4 f.	
		14	NARSINGHPUR.—9 m. 5 f. On Bombay l., p.o., r.s., l.s. and Calcutta main line. Country open and well cultivated. Road as above. At 1 m. 1 f. pass Bhivna; at 4 m. 4 f. Lolipur; at 5 m. 1 f. Singhpur. A civil station. <i>Camping Ground</i> .—240×160 yds open and good, W. of and close to town-hall. <i>Water</i> .— } <i>Supplies</i> .— } Plentiful.
		153 m. 1 f.	
		15	KARELI.—9 m. 2 f. Country as above. b., p.o., r.s. A fair metalled road, partially bridged. At 3 m. 1 f. pass Kothia. A village about $\frac{1}{2}$ m. from railway station. <i>Camping Ground</i> .—110,410 sq. yds. near village.
		162 m. 2 f.	

AUTHORITIES.

Civil.

Military.

No.
of
stage
and
total
distance.

ROUTE No. 38.

DEPUTY COMMISSIONER AT NARSIMHAPUR.

GENERAL OFFICE COMMANDING, JUBBULPUR BRIGADE.

16

172 m.
3 f.

Water.—From a few wells.
Supplies.—Procurable.

BARMAN.—10 m. Country and road as
p.o. above. Cross Dhamni on starting, and
at end of stage the Narbada 200 yds. wide,
by ford in dry season, by ferry (8 boats, each
carry 40 men) in rains.

A small village.

Camping Ground—50,770 sq yds on both sides
of road. $\frac{1}{4}$ m. from Narbada river.

Water.—Good, for a battalion, from well
20 yds S. of C. G., for animals from Narbada
river.

Supplies.—In small quantities.

17

179 m.
3 f.

SUATALAO—7 m. Country and road as
above. Pass Nagri
at 3 m.

A small village.

Camping Ground—107,270 sq yds. to E.
of road.

Water.—Good, for 2 battalions, from wells
on C. G.

Supplies.—Nil.

18

189 m.
6 f.

MAHARAJPUR.—10 m. 3 f. Country hilly
and junely at first,
then open and cul-

tivated. Road as above.

A village.

Camping Ground.—230x230 yds. $\frac{1}{4}$ m. W.
of road.

ITERATIONS.		No. of stages and total distance.	ROUTE No. 38.
Cd.	Military.		
DEPUTY COMMISSIONER AT RAIPUR. GENERAL OFFICER COMMANDING, JUBBULPUR BRIGADE.			<p><i>Water.</i>—Good, for a battalion, from well trough on C. G.</p> <p><i>Supplies.</i>—On notice.</p>
		19	<p>DEORI.—8 m. 1 f. Country and road as above.</p>
		197 m. 7 f.	<p>b, p. o. Nalas fordable except when in flood.</p> <p>A fair-sized town on right bank of Sukchain nadi.</p> <p><i>Camping Ground</i>—400×400 yds. E. of road and about 600 yds. from the nadi.</p> <p><i>Water.</i>—Good, for a battalion, from a well, with trough, in police station compound about 110 yds. W. of C. G.</p> <p><i>Supplies</i>—On notice.</p>
		20	<p>GURJHAMAR.—10 m. 2 f. Country as above</p>
		208 m. 1 f.	<p>p. o. for 2 m. Then hilly and jungly. Road as above. Cross Sukchain soon after starting, and the Sonar (40 yds. wide) at end of stage, both by ford, except for a few hours at flood-time. There are ferries over these streams, 1 boat, each carrying 25 to 40 men respectively.</p> <p>A large village.</p> <p><i>Camping Ground</i>—90,000 sq yds.</p> <p><i>Water</i>—From private well, good but insufficient, W. of road, about $\frac{1}{2}$ m. N. of Sonar river where animals may be watered.</p>
		21	<p>SURKHI.—11 m. Country at first flat, open</p>
		219 m. 1 f.	<p>b, p. o. and cultivated, afterwards hilly and jungly. Road as above. Nalas unbridged, but</p>

ROUTE No. 38.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Military.		
COLLECTOR AT LALITPUR. GENERAL OFFICER COMMANDING JHANSI BRIGADE			<p><i>Camping Ground.</i>—272,400, sq. yds. $\frac{1}{2}$ m. E. of road, demarcated.</p> <p><i>Water.</i>—Abundant from well on C. G., for animals from small lake 700 yds. E. of C. G.</p> <p><i>Supplies.</i>—Plentiful.</p>
		28	<p>GUNA.—6 m. 4 f. Country and road as above.</p> <p>Ascend hill to Guna, easy gradient.</p>
		20 m 1 f.	<p>A village on a hill.</p> <p><i>Camping Ground.</i>—155,000 sq. yds. near road and village.</p> <p><i>Water.</i>—Good, from well on C. G., for animals from a tank close to C. G.</p> <p><i>Supplies.</i>—On notice.</p>
		29	<p>BIRDHA.—9 m. 4 f.—Country undulating b, p. o. with partial cultivation. Road as above. Pass Amri at 3 m.</p> <p>A village.</p> <p><i>Camping Ground.</i>—145,000 sq. yds., 600 yds. E. of village and near road, liable to be flooded in rains.</p> <p><i>Water.</i>—From 2 wells, 1 on C. G. with 2 troughs; the other, with 2 troughs, $\frac{1}{2}$ m. N. of C. G. on E. side of road.</p> <p><i>Supplies.</i>—Procurable.</p>
		289 m. 5 f.	
		30	<p>LALITPUR.—13 m. Country and road as above. Pass Ehen-sai = 14 m. 4 f. Ghat. war at 6 m. 6 f. and cross Sajal at end of stage.</p>
		32 m. 5 f.	

STATIONS

No. of
stage
and
total
distance.

ROUTE No. 38.

A small cantonment and civil station
Camping Ground—59,000 sq yds near town
 on the Jhansi road.
Water—Plentiful, good, from a well which is
 sometimes dry in November and a nala $\frac{1}{2}$ m.
 from C G
Supplies—Abundant.
 Made but unmetalled road from here to Dhaura.
 3 stages 20 m., general direction S.-W. and
 along railway by Route 75 to Goona, 8
 marches
 By Routes 75, 78 and 80 to Nowgong, 7 marches.
 By Route 76 to Bhopal, 12 marches.

31

BANSI—11 m Country level and cultivat-
 ed. Road as above.
Pass Nadanwara at
 7 m.

313 m.
5 f.

A village.
Camping Ground—140,000 sq yds close to
 and W of road and $\frac{1}{2}$ m from village, demar-
 cated.
Water—Good, from well on, and for cattle
 a tank 300 yds from, C. G.
Supplies—Procurable.

32

TALBAHAT—13 m—Country level and
 b. p. o. r. s. chiefly jungle. Road as
 above *Pass* Jamal-
 pur at 5 m, a town with hill fort, on bank of
 a lake

326 m.
5 f.

From 1 m. S of Talbhat a made but unmetalled
 road to Sarwara, 2 stages (25 m.) to S.-W.
Camping Ground—44,000 sq yds close to and
 W. of road and town, demarcated.

AUTHORITIES.		No. of stage and total distance.	ROUTE No. 38.
Civil.	Military.		
COLLECTOR AT JHANSI	GENERAL OFFICER COMMANDING, JHANSI BRIGADE		<p><i>Water</i>—Good, from a well on, and (for cattle) from a big tank 400 yds from, C. G.</p> <p><i>Supplies</i>.—Plentiful.</p>
		334 m 5 f.	<p>BARARA.—8 m. Country and road as above.</p> <p>Cross Betwa by a causeway, except in rains. 3 boats, capacity 2 prs. wheels or 8 horses each, available; no ferry. When river is impassable here during rains, cross by Sirus ferry N.-W. Talbahat to Sirus, 12 m Sirus to Babina, 9 m. Civil authority at Sirus is Resident at Gwahor.</p> <p><i>Camping Ground</i>—100,000 sq yds near road and $\frac{1}{2}$ m from village.</p> <p><i>Water</i>.—Good, from 2 wells about 300 yds, from C. G., animals can be watered at river $\frac{3}{4}$ m distant Demarcated.</p> <p><i>Supplies</i>.—Must be collected.</p>
		34	<p>BABINA.—7 m. 4 f. Country jungle, undulating and hilly. Road as above</p> <p>A good-sized village.</p> <p><i>Camping Ground</i>—25,000 sq yds near R. S. and $\frac{3}{4}$ m from and W. of village, liable to be partly flooded during monsoon. Demarcated.</p> <p><i>Water</i>.—Good, from a well on, and (for animals) a tank close to, C. G.</p> <p><i>Supplies</i>—On notice.</p>
		349 m 5 f.	<p>KHAILAR—7 m. 4 f.—Country and road as above. Cross Gorasi at 4 m. 6 f. by a bridge.</p>

DISTANCES.		No. of stages and total distance.	ROUTE No. 38.
GA.	Military.		
GENERAL OFFICER COMMANDING, JHANSI BRIGADE.		36	<p>A small village. <i>Camping Ground</i>—190,000 sq yds close to road, and $\frac{1}{2}$ m from village. Demarcated. <i>Water</i>.—Good, from a well on, and another near, C G. <i>Supplies</i>.—Must be collected.</p>
		358 m. 1 f.	<p>JHANSI—8 m. 4 f.—Country and road as <i>b, p. o., l. s. r. s.</i> above Pass Bijauli <i>r. s.</i> at $2\frac{1}{2}$ m. and Hassari at 6 m. A large cantonment and headquarters of Brigade and Deputy Commissioner. Here route crosses Route No VIII from Bombay <i>rd Mhow to Allahabad</i> From Mhow (27 marches) From Nougong (16 marches). By Route 84 to Cawnpore (15 marches) By route 74 from Goona (9 marches)</p>
		367 m. 1 f.	<p>AMBABAI—9 m. Road as above. At 3 m. <i>p. o., r. s.</i> (Karar 1 m) a metalled road from Jhansi City joins; at 5 m. 6 f. cross the Paki; At 11 m., at Palapahari II A. practice camp A good-sized village. <i>Camping Ground</i>—48,740, sq yds E. of and close to road and $\frac{1}{2}$ m. E of village. <i>Water</i>—Good, from 1 well with 2 troughs; and others near C G. <i>Supplies</i>.—On notice.</p>
		374 m. 4 f.	<p>DATIA—7 m. 3 f. Country level, with hills <i>b, p. o., l. s., r. s.</i> in places, chiefly jungle Road as above.</p>

AUTHORITIES.		No. of stage and total distance.	ROUTE No. 38.
Civil.	Military.		
P. A. ■ BUNDEKHAND AT KOWGONG. COLLECTOR AT JHANSI.	GENERAL OFFICER COMMANDING, JHANSI BRIGADE.		A good sized village. <i>Camping Ground</i> —85,910, sq yds Demar- cated. <i>Water</i> .—From well, with trough, on, and others near, C. G. <i>Supplies</i> .—Plentiful.
		39	OPRAL.—10 m. E f.—Country as above at first, then cultivated. Road as above.
		384 m. 6 f.	A good-sized village <i>Camping Ground</i> —65,340 sq yds. level and dry, on W. of road 500 yds. S. of village. <i>Water</i> —From well on C. G. <i>Supplies</i> —On notice
		40	DABRA.—10 m.—Country intersected by b. p o, t s, r a. ravines, cultivated in places. At 5 m. 6 f. cross Sindh river by temporary bridges from December to the rains At other times by 2 boats and a large.
		394 m. 6 f.	A large village. <i>Camping Ground</i> —275 × 275 yds W. of road, <i>Water</i> .—Plentiful, good, from well in centre of, and 5 others near, C. G. <i>Supplies</i> —On notice.
		41	MAKORA.—11 m. 4 f. Country flat and wells cultivated. Road as above. At 3 m. 4 f. pass Samondan; at 8 m. 3 f. Tekampur tank, good alternative C. G.
		406 m. 2 f.	

DISTANCES		No. of stages and total distance.	ROUTE No. 38.
Co.	Sub- sary		
RESIDENT AT ETAWAH.	H. O. C., JHANSI BRIGADE	42	<p>A small village. Antri r.s. distant $1\frac{1}{2}$ m. N <i>Camping Ground</i>.—150×150 yds. W. of road and N. of village. <i>Water</i>.—Good, from well near (b) and (for cattle) from a stream N. of C. G. and tank 1 m. N. of railway crossing (2 m. from C. G.). <i>Supplies</i>.—Limited, on notice.</p>
		420 m. 6 f.	<p>GWALIOR.—14 m. 4 f. Country fairly flat for first half of stage, C. parade ground, good, outside palace walls, E. of road. <i>Water</i>.—Good, from 2 wells, 4 wells with troughs and 4 drinking water wells in lines of I. S. Lancers. Permission of H. H. the Maharajah to use them is required. <i>Supplies</i>.—All kinds procurable. By Route IX to Agra (6 marches). By Route 39 to Udaipur for Etawah (7 marches). By Route 69 to Nasirabad (23 marches).</p>

AUTHORITIES.		No. of stage and total distance.	ROUTE No. 38.
Civil.	Military.		
P. A. IN BUNDEKHAND AT KONGONG.	GENERAL OFFICER COMMANDING, JHANSI BRIGADE.		<p>A good sized village. <i>Camping Ground</i>.—85,910, sq yds. Demar- cated. <i>Water</i>.—From well, with trough, on, and others near, C. G. <i>Supplies</i>.—Plentiful.</p>
		39	OPRAL.—10 m. 11 f.—Country as above at first, then cultivated. Road as above.
		384 m. 6 f.	<p>A good-sized village <i>Camping Ground</i>.—65,340 sq yds. level and dry, on W of road 500 yds. S. of village. <i>Water</i>.—From well on C. G. <i>Supplies</i>.—On notice.</p>
		40	DABRA.—10 m.—Country intersected by b, p, o, t, s, r s ravines, cultivated in places, At 5 m. 6 f. cross Sindh river by temporary bridges from December to the rains At other times by 2 boats and a large.
COLLECTOR AT JHANSI.		394 m. 6 f.	<p>A large village <i>Camping Ground</i>.—275 × 275 yds W. of road, <i>Water</i>.—Plentiful, good, from well in centre of, and 6 others near, C. G. <i>Supplies</i>.—On notice.</p>
		41	MAKORA.—11 m. 4 f. Country flat and wells cultivated. Road as above. At 3 m. 4 f. pass Samondan; at 8 m. 3 f. Talampur tank, good alternative C. G.
		406 m. 2 f.	

DISTANCE.		No. of stages and total distance.	ROUTE No. 40.
St.	Mi- lary.		
GENERAL OFFICER COMMANDING, SUBHUTUR BRIGADE.			<p>Cross Bankri (fordable except after heavy rain) on starting; at 3 m. a well; at 8½ m. Dilakheri.</p> <p>A village.</p> <p>Camping Ground.—W. of road and E. of village, demarcated.</p> <p>Water.—Ample, from 2 wells (both 13 ft. in diameter) close to C. G. and nala 100 yds. N.</p> <p>Supplies.—On notice.</p>
		3	<p>RURAWAN.—11 m. Country partly cultivated for first 7 m. then scrub jungle.</p> <p>Road as above, pass Tinsi at 5 m. E. and a good well at 6 m.</p> <p>A village.</p> <p>Camping Ground.—130,000 sq. yds, on both sides of road, demarcated.</p> <p>Water.—Two wells which dry up in hot weather and nala 1,000 yds W.</p> <p>Supplies.—On notice.</p>
		20 m	
		4	<p>SHAHGARH.—12 m. 6 f. Country hilly and p. o. interspersed with jungle; road as above.</p> <p>Cross Bila nadi (dry except in rains), at 3 m.; again at end of stage. A village.</p> <p>Camping Ground.—400×150 yds N. of village and close to stream where cattle may be watered.</p> <p>Water.—Two wells, 1 with trough and pulley N. of, and 2 others (private) near, C. G.</p> <p>Supplies.—On notice.</p>
		42 m. 6 f.	

AUTHORITIES.		No of stage and total distance	ROUTE No. 40.			
Civil.	Military.					
F. A IN BUNDELKHAND AT NOWGONG. D. C. AT SAUGOR.	G. O. C. JUBBULPUR BRIGADE.	5	HIRAPUR.—7 m 2 f. Country hilly and jungly, Road as above. Nalas not difficult.			
		50 m.				
		6				
				53 m. 6 f.	Camping Ground.—600×250 yds	
				7	SARWA.—3 m. 6 f.	
				66 m	MULBARA.—6 m. 2 f.	
				8		
				78 m 6 f.		
			G. O. C. JHANSI BRIGADE.	9	GULCANJ.—10 m 6 f b., p o	
				87 m. 6 f.	MATGAON.—11 m. See Main Route No. VI, stages 37 to 41.	
				10		
				97 m. 5 f.		
		11		CHHATAPUR.—9 m 7 f b., p. o.		
		112 m 1 f.	NOWGONG.—11 m. 4 f. Country at first b., p o, t. s. r. a. cultivated, then low jungle, at 6 m. pass Diamora ; cross the Urmal (bridged and generally fordable). at 7 m. Here route joins No. VIII for 1 stage.			

STATIONS		No. of stage and total distance.	
Order	Station		
		12	ALIPURA. —10 m. 7 f. Road, metalled and good. See route No. VIII. Stage 40.
		123 m.	<i>Camping Ground.</i> —420 × 380 yds.
		13	HARPALPUR —8 m 4 f. Country low and cultivated. Road metalled and good.
		131 m 4 f.	
G. O. O., JHANSI BRIGADE.			<p><i>A r. s. on the G. L. P. Railway, Jhansi-Manikpur section.</i></p> <p><i>Camping Ground</i>—Extensive site round station</p> <p><i>Water.</i>—Plentiful, good, from 2 wells near station</p> <p><i>Supplies</i>—On notice.</p>

ROUTE No. 41.

FROM CHHINDWARA to PACHMARI.

Length 86 m. 4 f.

8 marches.

*Authority and date (month and year).—*Office Commanding
2nd Bn. Cheshire Regiment, March 1912.

Epitome.—General direction N.-W. from Chhindwara to Mutkuli and then S. to Pachmari. Road 1st class metalled and good through out, and rivers afford no obstacles in the dry season. Between Mutkuli and Pagara the ascent is steep, gradients of 1 in 12 or 1 in 15 in places. After Pagara the gradients are easy. Line of telegraph all along road. Water is not plentiful on this route, and at Rani Keda has to be brought from a distance of $1\frac{1}{2}$ m. to the C. G. Supplies can be obtained on notice.

AUTHORITIES.		No. of stage and total distance.	ROUTE No. 41.
Civil.	Military.		
DEPUTY COMMISSIONER AT CHHINDWARA.	GENERAL OFFICER COMMANDING, JUBBULPUR BRIGADE.	1	CHHINDWARA.—From Kampti by route b., p. a., t. s., r. s. No. 33, distance 75½ m., 6 marches.
		12 m.	SONAPIPRI.—12 m. Metalled road. Soil E. red. Cross Podri nala and Kulbhara river, unbridged, no obstacle in hot and cold seasons. A small village. Camping Ground.—No good one. Water.—From well, dry in hot weather, also from nala. Supplies.—On notice.

ROUTE No. 41.

INTERVUES.		No. of stages and total distance.	
Ct.	MILITARY		
DEPUTY COMMISSIONER AT CHINDWARA. GENERAL OFFICER COMMANDING, JUBHULPUR BRIGADE.		2	BELGAON.—9 m. Cross several nalas, b. and Pench river, un- bridged, can be crossed in hot and cold seasons. <i>Camping Ground.</i> —I very small and poor. The other, good, at Aukhawari, 1½ m. from Belgaon towards Tamia, near the road. <i>Water.</i> —From wells. Water at Aukhawari has to be got from river, which dries up in hot weather. <i>Supplies.</i> —On notice.
		21 m.	
		3	TAMIA —14 m. Road as above. A small village. <i>Camping Ground.</i> —Not good, and small <i>Water.</i> —From a well and spring close by, water good. <i>Supplies.</i> —On notice.
		35 m.	
		4	DELBAKHARI.—11 m. A large village. <i>Camping Ground.</i> —Not very good, but better than at Tamia. <i>Water.</i> —From well and nala. <i>Supplies.</i> —On notice.
		41 m.	
		5	RANI KHEDA.—12 m. Road as above. A few huts and no well. <i>No village.</i> <i>Camping Ground</i> —
		58 m.	

AUTHORITIES

Civil

Military.

No
of
stage
and
total
distance

ROUTE No. 41.

DEPUTY COMMISSIONER AT HOSHUNGABAD.

GENERAL OFFICER COMMANDING JUDHPUTUR BRIGADE.

6

69 m.

Water.—From Dhudhar nala $1\frac{1}{2}$ m. off, towards Dehakhari.*Supplies*—On notice.**MUTKULI**.—11 m. Road as above.

A fair sized village.

Camping Ground.—E. of village and about $\frac{1}{2}$ m N. of Dinwan river.*Water*.—From pakka well 70 feet deep, disinfected at intervals, water deficient in hot weather, S. of C. G.*Supplies*—On notice.

7

73 m

PAGARA—10 m. Country rough and jungle. Road 16 feet wide and metalled.

The ascent is steep, in some places 1 in 12 to 1 in 15. Cross the Dinwa (submerged bridge), then over low ridge of hill (not difficult) and pass Dingnama (b) at 4 m.

A small village.

Camping Ground.—W. of road and N. of village.*Water*.—Plentiful, good, from perennial springs, 1 being S. of C. G.*Supplies*.—From Pachmar on notice.

8

85 m.
f.**PACHMAR**.—7 m. 4 f. Country hilly and jungly. Road metalled and good. Gra.dents easy.
A cantonment.

ROUTE No. 42.

FROM HATWAS OR PIPARIA TO PACHMARI.

Length 33 m.

4 marches.

Authority and date (month and year).—

Explanations—Road metalled and good throughout. Between Mutkull and Piparia the ascent is steep, gradients of 1 in 12 to 1 in 15 in places. Water, for 2 battalions, throughout. Supplies can be obtained on notice.

EXPLANATIONS.		ROUTE No. 42.	
No. of stages and total distance	Military		
		<p>HATWAS—From Jubulpur to Hatwas 1, p. o. l. s. r. s. (12 marches) by route No. XII; Piparia r. s. on Great Indian Peninsula Railway is 1 m. S. of Hatwas by a good unmetalled road. From Piparia a good metalled road. Country undulating and cultivated.</p>	
1		DUKREKERA —8 m.	A small village.
8 m.		<p><i>Camping Ground</i>.—E. of road and village. <i>Water</i>.—For 2 battalions, from a well S. of C. G. <i>Supplies</i>.—On notice.</p>	
2		MUTKULL —7 m 4f.	
15m 4 f.			
3		PAGARA .—10 m.	Road as above. See Route No. 41.
25m. 4 f.			
4		PACHMARI .—7 m. 4f.	
23m.			

ROUTE No. 43.

FROM BORAI TO JUBBULPUR.

Length 338 m. 1 f.

27 marches.

Authority and date (month and year).—Borai to Raipur, corrections by General Officer Commanding, Jubbulpur, Brigade 1913; Raipur to Mangeli, Captain Lowe, Royal Fusiliers, March 1912.

Epitome.—General direction N.-N.-W. The road is a jungle cart-track to Banhagod (a metalled road being constructed, 1913, from Sihawa to Dhamtari). From Banhagod to Simga a made road, generally metalled; from Simga to Mungeli unmetalled and in bad repair; Mungeli to Rajadhar a made road; Rajadhar to Mandla a fair-weather road, and thence to Jubbulpur it is metalled and bridged.

The rivers are all fordable in the dry season, the Narbada can be crossed either by ford or ferry. Water is scarce in places. On notice being given, supplies sufficient for a battalion can be obtained throughout.

AUTHORITIES		No of stage and total distance	ROUTE No. 43.
Civil	Military		
D. C. RAIPUR.	G. O. C. JUBBULPUR BRIGADE		BORAI. —A small village. b.
			<i>Camping Ground.</i> —Shady, on road <i>Water.</i> —Poor supply from one well. <i>Supplies.</i> —Scarce. From Kundal (Route 88, Volume IX of 1912) 4 m.
		1	SITANADI. —10 m. Road a jungle cart-track. Country rocky b. Cross some nahas, dry in November.
		10 m.	

DISTANCES

MILITARY

No
of
stages
and
total
distance.

ROUTE No. 43.

DEPUTY COMMISSIONER, JUMBUJI BRIGADE.

GENERAL OFFICER COMMANDING, JUMBUJI BRIGADE.

		<p>No village, nearest 7 m. away. <i>Camping Ground</i>.—Small, surrounded by thick jungle. <i>Water</i>.—A river; this dries up in January, when water is obtained by digging in the bed. <i>Supplies</i>.—Available from Sihawa.</p>
2		SIHAWA.—13 m. Road metalled and bridged. Black cotton soil.
23 m.		<p>A large village. <i>Camping Ground</i>.—Good and shady. <i>Water</i>.—Tanks and wells <i>Supplies</i>.—Ample.</p>
3		GATA SILI.—12 m Road as above.
35 m.		<p>b. Cross several na'as, dry after monsoon.</p> <p>A small village <i>Camping Ground</i>.—Good. <i>Water</i>.—From large tank and wells <i>Supplies</i>.—From Sihawa on notice.</p>
4		DOKAL.—10 m. 4 f. Road as above.
43 m. 4 f.		<p>A small village <i>Camping Ground</i>.—On road. <i>Water</i>.—Obtainable. <i>Supplies</i>.—Few</p>
5		BANHAGOD.—7 m. 4 f Road as above.
53 m.		<p>Cross Siler river.</p>

AUTHORITIES		No of stage and total distance	ROUTE No. 43.
Civil.	Military.		
DEPUTY COMMISSIONER, RAIPUR. GENERAL OFFICER COMMANDING, JUBHULPUR BRIGADE.			<p><i>Camping Ground.</i>—On road. <i>Water.</i>— <i>Supplies</i>— } Limited.</p>
		63 m. 4 f.	<p>DHANTARI.—10 m. 4 f. Road metalled b., p.-o., l.-s., r.-s. and bridged. Cross Mahanadi river. At 2 m Kohrel A large town. Railway to Raipur <i>Camping Ground.</i>—Good <i>Water.</i>—From wells and tanks. <i>Supplies</i>—On notice. A large bazar here.</p>
		80 m. 4 f.	<p>BHATAGAON—17 m Road much worn b.-l.-s., r.-s. for 12 m., then good. At 1 m old road to Raipur branches off; 3½ m. Samalpur; at 5½ m. cross railway; at 8 m. Sarsonpuri r.-s.; at 11½ m. Dansura; at 15½ m. cross railway. <i>Camping Ground</i>— <i>Water</i>—Two tanks. <i>Supplies</i>—On notice.</p>
		93 m	<p>ABHANPUR.—12 m. 4 f. Road gravelled b., p.-o., l.-s., r.-s. and good. Country black cotton soil At 1 m Muradh; at 4 m. Kuller; at 7 m. Darba; at 8 m Chitoud; at 9 m. Charapur; at 10½ m. Chotade. A village with police station. <i>Camping Ground.</i>— <i>Water.</i>—Two large tanks. <i>Supplies.</i>—On notice.</p>

ROUTE No. 43.

No.	No. of stages and total distance.	
GENERAL OFFICER COMMANDING, SUBDIVISION BRIGADE.	MILITARY.	
	9	RAIPUR. —17 m. 4 f. Road as above for b., p.-o., l.-s., r.-s. 8½ m.; last 3 m. metalled. Country
	110 m. 4 f.	open. A civil station; Headquarters of district; population 35,000, on Bengal-Nagpur Rail- way <i>Camping Ground</i> —S of town. <i>Water</i> —Abundant. One Public Works Department w. ll. <i>Supplies</i> .—Abundant at 2 days' notice. By Route VII from Nagpur (18 marches) and to Dum-Dum (45 marches).
	10	SAKRA. —9 m. Road metalled but un- bridged. Country flat and cultivated.
	113 m. 4 f.	A small village, surrounded by a mud wall, ¼ m W of the road. <i>Camping Ground</i> .— <i>Water</i> .—2 tanks, no other water available. <i>Supplies</i> .—Scanty.
	11	TARPUNJI. —9 m. Road and country as above. At 4 m. Dhursiwa (b); at 5½ m. cross Kulhan river by stone cause- way.
	128 m. 4 f.	<i>Camping Ground</i> .—Small. <i>Water</i> .—From one tank. <i>Supplies</i> .—On notice.
	12	SIMGA. —9 m. Road as above, bad from m. b., p.-o., l.-s., 3 to m. 8. Country as above.
	137 m. 4 f.	

AUTHORITIES.		No of stages and total distance.	ROUTE No. 43.
Civil.	Military.		
DEPUTY COMMISSIONER AT BILASPUR.	DEPUTY COMMISSIONER AT RAIPUR.		
DEPUTY COMMISSIONER AT BILASPUR.	GENERAL OFFICER COMMANDING, JUDDHUPUR BRIGADE.	13	<p>A large village and Tehsil Headquarters. A road branches off from here to Hathband r-s. (9 m.)</p> <p><i>Camping Ground.</i>—Near Tehsildar's office.</p> <p><i>Water</i>—Plentiful, from a few wells.</p> <p><i>Supplies.</i>—On notice.</p>
		150m. 7/.	<p>NAND CHAT.—13 m. 3/. Road unmetalled, very bad from m. 4 to m. 11. Country as above. At 5 m. Chanderi; at 7 m. Danakheri, cross Sheonath river at end of stage. A small village.</p> <p><i>Camping Ground.</i>—In fair condition.</p> <p><i>Water.</i>—From river.</p> <p><i>Supplies.</i>—On notice</p> <p>By route III to Bilaspur (3 marches).</p>
		14	<p>PANDARBHATA.—15 m. Road unmetalled in bad repair, Country as above.</p> <p>Cross Ghora at 6 m 3 f. and 8 m. 2 f.</p> <p>A very small village.</p> <p><i>Camping Ground.</i>—Nil.</p> <p><i>Water.</i>—Moderate quantities from two small tanks.</p> <p><i>Supplies.</i>—On notice.</p>
		165m. 7/.	
DEPUTY COMMISSIONER AT BILASPUR.	GENERAL OFFICER COMMANDING, JUDDHUPUR BRIGADE.	15	<p>MUNCELL.—8 m. Road as above. Cross Teana nala at 2 m., bad approaches.</p> <p><i>Camping Ground.</i>—On roadside W. of village, good.</p>
		173m. 7/.	

DISTANCES.		No of stages and total distance.	ROUTE No. 43.
CL.	MILITARY		
GENERAL OFFICER COMMANDING, JUBBULTPUR DIVISION.			<p><i>Water.</i>—Good and ample for 2 battalions, and 1,500 animals from Agar river; no wells.</p> <p><i>Supplies.</i>—On notice.</p> <p>By route 44 to Bilaspur, 3 marches.</p>
			<p>16</p> <p>PENDRI-KUNDA—15 m. Made road, A village.</p>
			<p>153 m. 7 f.</p> <p><i>Camping Ground.</i>—None demarcated, but a mango tree, at Kund, close to Pendri, is available (120/100 yds).</p> <p><i>Water.</i>—Good and plentiful from Hap river.</p> <p><i>Supplies.</i>—Must be collected.</p>
			<p>17</p> <p>BORLA.—15 m. 4 f. Road as above. A fair-sized village.</p>
			<p>204 m. 3 f.</p> <p><i>Camping Ground.</i>—</p> <p><i>Water.</i>—Abundant from tanks.</p> <p><i>Supplies.</i>—Sufficient for one battalion.</p>
GENERAL OFFICER COMMANDING, JUBBULTPUR DIVISION.			<p>18</p> <p>RAJADHAR.—20 m. 1 f. The Ghat is 5 b. m long, gradient throughout passable by guns. Dense jungle and rocky hills on either side. Cross the Phen river and several nalis, unbridged. Ascend Chulpi Ghat. A small village at head of Chulpi Ghat.</p> <p><i>Camping Ground.</i>—On left bank of Phen river under sal trees.</p> <p><i>Water.</i>—Abundant from river.</p> <p><i>Supplies.</i>—Can be collected.</p>
			<p>224 m. 4 f.</p>

ROUTE No. 43.

AUTHORITIES		No. of stage and total distance.	
Civil.	Military.		
DEPUTY COMMISSIONER AT MANDLA. GENERAL OFFICER COMMANDING, JUBBULPUR DIVISION.		19	MOTINALA. —13 m. 5 f. Cross the Behur b., p.-o. river and some nals unbridged. A fair road.
		238 m. 1 f.	A small village with police station, <i>Camping Ground</i> .—Under a group of sal trees near b. <i>Water</i> .—From wells and nala, <i>Supplies</i> .—Can be collected.
		20	BICHHIA. —15 m. 3 f. Cross the Patparha, the Halon, and Tala and several nals, unbridged.
		253 m. 4 f.	A fair-weather road. A small village. <i>Camping Ground</i> .— <i>Water</i> .—From well, nala and river. <i>Supplies</i> .—Can be collected.
		21	ANJANIAN —12 m. 2 f. Country undulating. b. Cross the Chikan river and several nals, unbridged.
		265 m. 8 f.	A fair-weather road. A small village The Surpon river close by. <i>Camping Ground</i> .—N. of road, close to b. <i>Water</i> .—Abundant. <i>Supplies</i> .—On notice
		22	MANDLA —12 m. 4 f. Country jungly p.-o., t.-s., r.-s. River fordable
		278 m. 2	There are 2 alternative routes. One by fording the Narbada just

STATION.	No. of stage and total distance.	ROUTE No. 43.
GENERAL OFFICE COMMANDING, JUBILPUR BRIGADE JUBILPUR COMMUNICATIONS AND MESSAGE		<p>below Mandla, the other by crossing at a <i>ferry</i> higher up the river. By the former, cross the Matari, Banjar and Narbada rivers and many <i>nalas</i> unbridged. By the latter the Banjar avoided.</p> <p>Road as above.</p> <p>A large town on the Narbada river. Headquarters of districts. The Banjar river joins the Narbada here. Country populous and cultivated. A <i>ferry</i> on the Narbada, Banjar, and Matari rivers in the rains.</p> <p><i>Camping Ground</i>.—In the civil station about 1 m. from the town.</p> <p>Water — } Plentiful.</p> <p>Supplies — }</p>
	<p>23</p> <p>283 m. 2 f.</p>	<p>GWARI—10 m. Cross Phulsagar <i>nala</i> and many others, all bridged.</p> <p>Road metalled and bridged.</p> <p>A small village.</p> <p><i>Camping Ground</i>—</p> <p>Water—Abundant.</p> <p>Supplies—Procurable.</p>
	<p>24</p> <p>204 m. 2 f.</p>	<p>TIKARIA—16 m. Country covered with jungle. Cross the Babacha, Lalipur and the Balai rivers and many <i>nalas</i>, bridged, except last one, where there is a causeway, which becomes submerged after heavy rains. A <i>ferry</i> in the rains.</p> <p>Road as above.</p> <p>A village.</p>

AUTHORITIES		No. of stage and total distance	ROUTE No. 43.
Civil	Military.		
D. C. & JUBBULPUR.	DEPUTY COMMISSIONER AT MANDELA.		<p><i>Camping Ground</i>—183,920 sq yds. on both sides of road <i>Water</i>.—From perennial spring and 2 wells (good). <i>Supplies</i>.—Procurable</p>
		25	<p>DHANVAI—0 m. 4 / Road as above. At 2 m begin ascent of</p>
		813 m. 6 m.	<p>Kalpi ghat (3½ m long; at 6 m. Kalpi tank A small village <i>Camping Ground</i>—260×80 yds N.-E of road at entrance to village <i>Water</i>.—Plentiful and good, from a well 100 yds W of, and (for animals) from the Hingna, 2 m from C G (nearly dry in hot weather, as are the wells) <i>Supplies</i>—Procurable</p>
D. C. & JUBBULPUR.	GENERAL OFFICER COMMANDING, JUBBULPUR BRIGADE.	26	<p>BARELA—14 m 7/ Country undulating p-o and jungly Road as above Cross</p>
		328 m. 5 /	<p>Hingna at 1 m 7 / by a low stone causeway in dry season, and by ferry (1 boat carrying 20 men) in rains At 6 m. descend Nagar Pahar Ghat (2½ m. long) A large village <i>Camping Ground</i>.—300 yds S of road near village and 500 yds. S. of tank where animals may be watered. <i>Water</i>—Plentiful and good, from 2 wells. <i>Supplies</i>—Abundant.</p>

STAGES.		No. of stage and total distance.	ROUTE No. 43.
Q.	MILITARY		
Q O O, JUBBULPUR BRIGADE.		27	JUBBULPUR.—9 m 4. f. Road as above. b. p. o. t. s. r. s. Cross Gaur river at 3½ m. by causeway in dry season, by ferry (1½ m. W.), one boat carrying 20 men in rains.
		238 m 1 f.	Marches. By Route VI to Lucknow .. 30 " " XI to Nasirabad .. 42 " " XII to Mhow .. 32 " " and Ahmedabad .. 52

ROUTE No. 44.

FROM SAMBALPUR TO MUNGELA.

Length 176 m.

15 marches.

This route connects Jubbulpur with route No. VII.

Authority and date (month and year).—

Epitome.—General direction N.-W. Between Sambalpur and Bilaspur an unmetalled road, fair to good, but several unbridged rivers and nalas must be crossed, some in small boats. After Bilaspur a metalled road. Water everywhere abundant; supplies on notice.

AUTHORITIES.		No of stage and total distance	ROUTE No. 44.
Civil.	Military.		
D. C. AT SAMBALPUR,	G. O. C. 8TH (LUCKNOW) DIVISION.	..	<p>SAMBALPUR—A small cantonment and large native city. On main route VII.</p> <p>Camping Ground—Near city.</p> <p>Water.— } Abundant</p> <p>Supplies—</p> <p>From Cuttack (on main route V) 23 marches (see Volume VIII of 1910 routes 13 and 14)</p>
		1	<p>BODTANG.—12 m. Made road, country open and cultivated.</p>
		12 m.	<p>A moderate sized village.</p> <p>Camping Ground—S. of road.</p> <p>Water.—Good and abundant from Mahanadi river.</p> <p>Supplies.—On notice.</p>

STATION.		No. of stage and total distance.	ROUTE No. 44.
CL	STATIONARY		
GENERAL OFFICER COMMANDING, 8TH (TUCHKOW) DIVISION.		2	RAMPOLUGA. —10 m. Country cultivated; road good but unmetalled. At 2 m. cross Ebb river. A small village. <i>Camping Ground</i> —South. <i>Water</i> —Abundant and good, from tank about $\frac{1}{2}$ m. E. of village. <i>Supplies</i> —On notice.
		22 m.	
		3	
		36 m.	
			PUDDUMPUR —14 m. Country cultivated. Cross river, unbridged. A ferry boat carrying 12 men at a time available. Road as above. <i>Camping Ground</i> —W of Puddumpur on left bank of river. Surajgarh village 1 m. from Podigaon. <i>Water</i> —Abundant and good from Mahanadi river. <i>Supplies</i> —On notice.
		4	PODIGAON —12 m Cross few nalas, unbridged. Small ferry boats carrying 8 men available. Road as above. A village. <i>Camping Ground</i> — $1\frac{1}{2}$ m distant, on bank of Mahanadi. <i>Water</i> — <i>Supplies</i> — } As above.
		43 m.	

ROUTE No. 44.

AUTHORITIES.		No. of stage and total distance	
Civil.	Military.		
D C. AT BILASPUR.	G. O. C. JUDDULPUR BDE.	5	CHANDERPUR.—10 m. Road fair and unmetalled.
		58 m.	A large village on left bank of Mahanadi river. Camping Ground.—On right bank of Mand river, 1½ m. distant. Water.—Abundant from Mand river. Supplies.—On notice.
		6	DUBERA.—12 m. Cross Mand river, unbridged near C. G.
		70 m.	Ferry boats available, carrying 15 men at a time, up to 31st December The river becomes fordable thereafter. Country open and cultivated. Road as above. A village. Camping Ground.—W of village. Water.—Plentiful and good, from wells in village and a tank for animals. Supplies.—On notice.
D C. AT BILASPUR.	G. O. C. JUDDULPUR BDE.	7	HUSSODE.—12 m Country and road as above.
		82 m.	A village. Camping Ground.—Close to road and E of village. Water.—Plentiful and good, from nala ½ m. from C. G. Supplies.—On notice.
		8	BIRRA.—12 m. Country open and cultivated. Road good, unmetalled and unbridged.
		94 m.	

DEPUTY COMMISSIONER AT BILASPUR.

GENERAL OFFICER COMMANDING, 8TH (LUCKNOW) DIVISION.

STATION		No. of stage and total distance.	ROUTE No. 44
ST.	MILITARY.		
			<p><i>Camping Ground.</i>—On road-side W. of village. <i>Water.</i>—Good and abundant from tank 100 yds from C. G. <i>Supplies.</i>—On notice.</p>
		9	<p>SEORINARAIN.—12 m. Country as above. Road fair-weather, passable for carts and guns.</p>
		103 m.	<p>A village <i>Camping Ground.</i>—To. W. close to road on bank of Mahanadi river. <i>Water</i>—Abundant from Mahanadi river. <i>Supplies.</i>—On notice.</p>
		10	<p>RAMGARH.—15 m. Country and road as above. p o.</p>
		121 m.	<p>A small village. <i>Camping Ground.</i>—Close to road and S. of village. <i>Water.</i>—Good, from well 7 ft. deep, near police station, and large tank. <i>Supplies.</i>—Limited, must be collected.</p>
		11	<p>MASTURI.—14 m. Country as above. Cross the Arpa, unbridged. Road fair,</p>
		135 m.	<p>unmetalled. A village. <i>Camping Ground</i>—No regular ground, but ground available (700 × 200), without shade, S. E. of village. <i>Water</i>—Bad, from masonry well, and a tank, S. W. of road. <i>Supplies.</i>—Limited, must be collected.</p>

GENERAL OFFICER COMMANDING, SUBBULPUR BRIGADE

AUTHORITIES		No of stage and total distance.	ROUTE No. 44.
Civil.	Military.		
DEPUTY COMMISSIONER AT BILASPUR.	GENERAL OFFICER COMMANDING, JUBBULPUR BRIGADE	12	BILASPUR. —10 m. Country and road as above.
		145 m.	A civil station and town. <i>Camping Ground.</i> —E. of town. <i>Water.</i> —Abundant and good from wells and Arpa river. <i>Supplies.</i> —Abundant. By routes 83 and 43 to Raipur (7 marches).
		13	KATTAKONI —0 m. Country as above
		154 m.	Cross small stream called Narbada. Road metalled. A small village. <i>Camping Ground</i> —No regular ground, but Mango tops (300×200) available N.-E. of village and E. of road. <i>Water</i> —Plentiful and good from a masonry well (5 ft diameter) and river Ghonga. 13½ yds. from C. G. <i>Supplies</i> —On notice.
		14	TAKHATPUR —0 m. Cross Rahan nal p. o. and Agr river. Road as above
		163 m.	A village. <i>Camping Ground</i> —3½ acres; on left bank of Manjari river E. of village. <i>Water.</i> —For 3 battalions and 2,000 animals from Manjari river, no wells. <i>Supplies.</i> —On notice.
		15	MUNGELI —13 m. Country as in above stage. Road as above
		176 m.	By route No 43 to Jubbulpur (12 marches).

ROUTE No. 45.

From MANDVI to BHUJ.

Length 36 m. 7 f.

ET

3 marches.

History and date (month and year).—Major Lewis, Commanding at Bhuj, May 1909.

Epitome.—General direction N.-E. Road metalled and bridged throughout, suitable for all arms and for motors at all seasons of the year. There is a steep up gradient between Asambha and Mhegpur, almost beyond Mhegpur an Irish bridge over a nullah. Water plentiful throughout.

ROUTE No. 45.

No. of stage and total distance	Mileage	Remarks
		MANDVI —An open roadstead. Steamers lie 3 m. off shore, everything having to be tramped into flat-bottomed sailing boats. Steamers are making use of this port from 15th May to 1st September (i.e., the monsoon months). About 300 native carts from 20 to 120 tons, and 1 or 2 up to 200 tons can be obtained here.
1	11 m 4 f.	BARA ASAMBIA —11 m 4 f. Road metalled and bridged. Rukhmanti river is crossed by a large stone bridge, 240 yds. long, roadway of 20 ft. A village about 4 f. to right of road. Camping ground—Good to N. Water—Abundant from 14 wells. Supplies—Several shops.

AUTHORITIES.		No. of stage and total distance.	ROUTE No. 45. <i>By</i>
Civil.	Military.		
POLITICAL AGENT IN CUTCH AT BHUJ.	GENERAL OFFICER COMMANDING, 5TH (MUNOW) DIVISION.	2	MHEGPUR. —13 m. Road as above.
		24 m. 4 f.	steep up-gradient from Dhanol to Daicani A village 3 f. to left of road. <i>Camping Ground.</i> —W. in sandy fields close to road. <i>Water.</i> —From 7 wells and river. <i>Supplies.</i> —Scanty.
		3	BHUJ. —12 m. 3 f. Road as above; at 3 m b., p. o., l. s., r. s. 7 f. Mundra road (Route No 40) joins on right. At 5 m. 3 f. a low level stone bridge over Nagmati river; at 10 m. 3 f. a small stone bridge of 3 arches, 75 ft. long and 15 ft. wide. By Route No. IV Baroda (2 marches).
		36 m. 7 f.	

ROUTE No. 46.

FROM MUNDRA TO BHUJ.

Length 36 m. 1 f.

3 marches.

Authority and date (month and year).—Major Lewis, Commanding at Bhuj, May 1909.

Remarks.—General direction N. The road has been metalled, but very cut up, and covered deep in sand, as far as Baria. Thence to Bhuj much cut up, and might with difficulty be passed by motor cars in dry weather. Baria to Bhuj fair. Water and supplies for one mule.

T. M. S. No. of stage and total distance		ROUTE No. 46.
GENERAL OFFICER COMMANDING, DIVISION.		<p>MUNDRA.—The Bundar is about 2 m. from Mundra. Landing facilities poor. Country craft can come up twice a day on the tide. About 20 boats can be obtained. Mundra is a walled town on left bank of Bukhi river.</p> <p><i>Camping Ground.</i>—</p> <p><i>Water</i>—From a large tank N. and many wells W. All wells E. are salt.</p> <p><i>Supplies.</i>—Abundant.</p>
	1 11 m. 6 f.	<p>KALAGOGA.—11 m. 6 f. Road covered with heavy sand to depth of 1 or 3 ft. as far as Baria to 9 m. The Bukhi river is unbridged and must be crossed. A village in open cultivated country.</p> <p><i>Camping Ground.</i>—In fields.</p> <p><i>Water</i>—Several wells and very small tank.</p> <p><i>Supplies.</i>—Scanty.</p>

AUTHORITIES		No. of stage and total di- stance.	ROUTE No. 46.
Civil	Military.		
POLITICAL AGENT IN CUTCH, AT BHUJ.	GENERAL OFFICER COMMANDING, 5TH (MHOW) DIVISION	2	KERA. —11 m. 3 f. Road as above to Bala p. o. at 6 m. after which metalled but badly cut up; 3 nalas to be crossed by Irish bridges. A village with ruined fort and large tomb on rising ground. <i>Camping Ground.</i> —To T. <i>Water.</i> —From many wells, for cattle from Nag river. <i>Supplies.</i> —Several shops. Vegetables and plenty of grain procurable.
		23 m. 1 f.	
		3	BHUJ. —13 m. Road metalled and passable for motors. By Route No. 1V from Biroda (23 m. each).
		36 m. 1 f.	

ROUTE No. 47.

FROM MHOWA TO BHAUNAGAR.

By 60 m. 4 f.

5 marches.

Authority and date (month and year)—Agency Engineer,
Kathiawar, December 1908.

Notes.—General direction N N E. A mvd road to Talaja
and a metalled road is under construction to Pandana. From
Talaja a good metalled road with major and minor bridges. Suit-
able for all arms and for motors. Water and supplies for one batta-
lion throughout.

STAGES		ROUTE No. 47.	
No.	Mis- sary	No. of stage and total distance	
1	GENERAL OFFICER COMMANDING, 5TH (MHOWA) DIVISION	1	<p>MHOWA. The Bandar, on the Mahan river, is 3 m. from the town.</p> <p>Country craft of 110 tons can enter the creek at high tide, the entrance is marked by an excellent light. High tide at 1 p.m. on full change of moon. At low tide the creek is dry.</p> <p>A made road.</p>
		14 m.	<p>DATHA.—14 m. A made road</p> <p>A large village and thana</p> <p>Camping Ground?—None fixed, one square mile available.</p> <p>Water.—FRESH from wells and river,</p> <p>Supplies.—For 1 battalion.</p>

AUTHORITIES		No. of stage and total distance.	ROUTE No. 47.
Civil.	Military.		
POLITICAL AGENT IN KATHIAWAR, AT RAJKOT.	GENERAL OFFICER COMMANDING 5th MUW DIVISION.	2	TALAJA. —13 m. Pass a few villages. Road as above. A large village.
		27 m.	Camping Ground.—None fixed. Water.— } As above. Supplies.— }
		3	TANSA. —13 m.—Road, metalled, under construction (1009). Cross Shetruji river.
		40 m.	A village. Camping Ground.—None fixed. Water.— Fresh from wells, plentiful. Supplies.— As above.
		4	BUDHEL —15 m. Road as above to Bandadaria, then good metalled and bridged.
		55 m.	A village. Camping Ground.—None fixed. Water.— } As above. Supplies.— }
		5	BHAUNAGAR. —5 m. 4 f.—From here a metalled road to Gogo. Road as above. Cross 2 nalas, bridged.
		60 m. 4 f.	By route No. 21 to Ahmedabad (11 marches). By Route No. 48 to Rajkot (10 marches).

ROUTE NO. 48.

FROM BILAUNAGAR TO RAJKOT.

Length 194 m. 4 f.

10 marches.

Authority and date (month and year).—Agency Engineer,
Kathiawar, December 1908.

Itinerary.—General direction. N.-W. Road metalled and good,
major and minor bridges for 17 m., then minor bridges only for
12 m. and unbridged for 75 m. Crossing of big rivers rather bad. Suitable
for all arms. Water and supplies for 2 battalions or batteries.
To Ahmedabad by Route 21 (11 marches).

DISTANCES.		ROUTE No. 48.	
No.	Military.	No of stages and total distance.	
1	5 m 6 f	1	WARTEJ—5m 6f Road metalled and partly bridged. <i>b, p-o, t-s, r-s.</i>
			Camping Ground—West of <i>b</i> Water—Abundant, from many wells and river. Supplies—Many shops
		2	SONGHUJ.—11m. 4f. Road runs alongside railway line. <i>b, p-o, t-s, r-s</i> Pass Sihori <i>r-s.</i> at 6 m 4 f. Road as above.
2	17m. 2 f.		Camping Ground.—No fixed ground. About 10 acres available (requires clearing). Water — } Abundant Supplies — }
		3	LIMBRA—16m. Road as above. At 7 m. 4 f cross railway line.
33m. 2 f			

POSTAL OFFICE IN KATHMANDU AT 10.15 AM
GENERAL OFFICER COMMANDING, 5TH (MIDW.) DIVISION

ROUTE No. 49.

FROM AHMEDABAD TO MOUNT ABU *via* PALANPUR

Length 137 m. 2 f.

14 marches.

Authority and date (month and year).—Route Book, Bomba Command, 1903.

Epitome.—General direction N. The route runs parallel to and E. of Route X connecting with it at Visnagar Unjha (12½ m.), and Palanpur-Doesa (18 m. 5 f. Route No. 50). The road is a cart track over sandy soil with deep ruts in parts, but passable for all arm. and mule transport. The road up Mount Abu is very steep, and suitable only for lightly loaded pack or cooly transport.

Water and supplies for 1 battalion, though at certain stages supplies are scarce and must be carried.

By route XII from Mhow (21 marches)

By route X from Baroda (7 marches)

By route 18 from Rajkot (13 marches)

AUTHORITIES.		No. of stage and total distance.	ROUTE No. 49.
Civil.	Military.		
C. AT AHMEDABAD.	G. O. C. 5TH (MHOW) DIVISION.	1	<p>ADALAJ.—9m. 4 f. Soil sandy. Country flat open and cultivated, cart-track ruts rather deep.</p> <p>At 2m. 2½ f. cross the Salarnati river at a ford close to the Shah-i-Bag; during the rains a good ferry boat here. At 5 m. 7½ f. Chand 300 houses 2 shops. At 7 m. 6½ f. Jundal, 120 houses, 4 shops. 527 houses.</p> <p>Camping Ground.—450 yds. to N.W. of village and to the N. of wells, 11 acres, demarcated.</p> <p>Water.—Abundant and good. From a large step-well, 5 other wells and 2 tanks.</p> <p>Supplies.—Limited.</p>
		9 m. 4 f.	

DISTRICTS		No. of stage and total distance.	ROUTE No. 49.
GENERAL OFFICER COMMANDING, 5TH (MHOV) DIVISION	REG. NO.		
GENERAL OFFICER COMMANDING, 5TH (MHOV) DIVISION		2	RUPAL.—11m. 3/. At 8 m. 1½ f. Unarsad, 800 houses, 10 shops.
		20m. 7 f.	At 7 m. ½ f. Adraj Mot 300 houses, 5 shops. Road and country as above Country cultivated and partly thin jungle. Camping Ground.—None fixed Water.—For 6 months in 3 wells and a tank. Supplies.—20 shops
		3	MANE.—9m. 1/. At 2 m. 7f Chand'san. At 3 m 1½ f. Amja At 3 m 2½ f. Nadra. At 4 m 5½ f. Etla At 6 m 2 f. Sabdal At 6m. 4½ f. Dhola Kuwa. A large village Camping Ground.—None fixed. Water.—From several wells Supplies.—Abundant.
		29m. 7 f.	4 KUKARWARA.—9m 7f At 2 m. 3½ f. Dhamera, at 4 m. 3½ f. Charara, 20 shops Road as above Camping Ground.—Not fixed Water.—From tank and wells Supplies.—8 shops.
GENERAL OFFICER COMMANDING, 5TH (MHOV) DIVISION		1	VISNAGAR.—11m. 5f. At 2 m. 4½ f. Warasen. At 4 m. 4½ f. Dagawaria.
		51m. 4 f.	At 6 m. Kada, 700 houses, 6 shops. Soil sandy. Good cart-road A large town. Camping Ground.—None fixed

AUTHORITIES		No. of stage and total distance.	ROUTE No. 49.
Civil.	Military.		
RESIDENT AT FAROMA.	G. O. C. 4th (MHOW) DIVISION.	6	<p><i>Water.</i>— } Abundant.</p> <p><i>Supplies.</i>— } JASKA.—8m. 6f. At 1 m. Paldi. At 3m. 3½ f. Haxanpur.</p>
		60m. 2 f.	<p>At 4 m. 3½ f. cross the Rupan river, 100 yds. wide, banks easy.</p> <p>At 4 m. 7f. Umta, 2,060 houses, 40 shops. Water abundant.</p> <p>Road as above. Country cultivated.</p> <p>From Visnagar a road runs N.-W. to Unja on Route X.</p> <p>790 houses.</p> <p><i>Camping Ground.</i>—Good.</p> <p><i>Water.</i>—From 2 wells and a tank.</p> <p><i>Supplies.</i>—From 6 shops.</p>
		7	<p>PILUCH.—11m. 1f. At 2 m. 4½ f. Chacharia. At 3 m. 7½ f. Moti Hirwan. At 4 m. 7 f.</p> <p>Nani Hirwan. At 6 m. 7f. Panchha.</p> <p>Country covered with thin jungle.</p> <p>Road as above.</p> <p>238 houses.</p> <p><i>Camping Ground.</i>—Good.</p> <p><i>Water.</i>—From Saraswati river.</p> <p><i>Supplies.</i>—From 20 shops.</p>
P. M. AT PALANPUR.	G. O. C. NAGRAHABAD BRIGADE	8	<p>VADGAON—8m. 7f. At 5½ f. cross the Saraswati river 600 yds. wide, no banks.</p>
		80m. 2 f.	<p>At 1 m. 6½ f. Megal. At 5 m. ½ f. Rupal. At 6 m. 5 f. Lemboi.</p> <p>Country cultivated.</p>

ROUTE No. 49.

No. of stage and total distance.	No. of stage and total distance.	
		<p>Road as above.</p> <p>550 houses.</p> <p>Camping Ground.—</p> <p>Water.—From wells: 1 step well.</p> <p>Supplies.—From 25 shops.</p>
<p>GENERAL OFFICER COMMANDING, KASIRABAD BRIGADE</p>	<p>80 m. 6 f.</p>	<p>9 PALANPUR (MIRA GATE) 6 m 4 f. At 1 m 4 f. Kharoda At 2 m 2 f. Fatchpur. At 3 m 4 f. Wapda. At 4 m cross the Amardal river, 200 yds wide, bed sandy, banks easy. At 1 m. 2 f. Lalwara.</p> <p>Country open. Road as above.</p> <p>Large walled town. Residence of the Dewan from Palanpur to Deesa (2 marches) on Route No. X. by route No. 50.</p> <p>Camping Ground.—Good, near Political Superintendent's bungalow.</p> <p>Water.—</p> <p>Supplies.— } Abundant</p>
	<p>94 m 2 f.</p>	<p>10 CHITRASANI —7 m 4 f. At 1 m 6 f. Sadar-pur At 2 m. cross the Lurbi river 40 yards wide, banks easy</p> <p>At 3 m 2 f. Karjoda At 6 m 6 f. Jaipuria.</p> <p>Road as above</p> <p>232 houses</p> <p>Camping Ground.—Good.</p> <p>Water.—From wells</p> <p>Supplies.—8 shops.</p>
	<p>105 m. 8 f.</p>	<p>11 SAROTRA —11 m. 4 f. At 2 m. 3 f. cross Balaram Mahadeo nala to Rajpura At 4 m. 4 f. Jithi Country covered with thick jungle, some portion of which has, however, been cleared</p>

AUTHORITIES.

No.
of
stage
and
total
distance

ROUTE No. 49.

Civil

Military.

R. W. RAJPUTANA STATES AT JODHPUR POLITICAL SUPERINTENDENT AT PALANPUR.

GENERAL OFFICER COMMANDING, NASIRABAD BRIGADE.

12

115 m.
7 f.

Road as above. 138 houses.

Camping Ground.—*Water.*—From wells and Banas river 4 L to W.*Supplies.*—1 shop.**GIRWAR.**—10 m 1 f. At 1 m. 6 f. Kiretar.At 2 m. 1½ f. cross the
Mallasiri nala, 30 yds.wide, banks easy, bed stony. At 3 m. 1½ f.
cross the Banas river, 440 yds. wide, banks
easy, bed stony Good cart-road but rough.
At 5 m 1½ f. Debela. Country covered with
thick jungle.

Road as above.

10 houses, and a chauri of 10 sepoya to protect
the road. Gumti nala, 15 yds. wide, banks
easy, bed stony.*Camping Ground.*—*Water.*—110 m well and a river.*Supplies*—Nil.

13

130 m.
3 f.**ANADRA.**—14 m. 4 f. At 7 m. 4½ f. Dhanli,
d., p., o. 20 houses, 5 shops.At 12 m. Dabani, 50
houses, 5 shops. Cross the Dewagan river,
near Dabani, 30 yards wide, bed sandy, banks
easy.

Road as above.

A large village.

On route X, stage Reodhar to Sawara. Tra-
vellers' bungalow at Talai 1½ m. further
on.*Camping Ground.*—Good, on the left of the road.*Water*—*Supplies.*— } Abundant.

REGIMENTS.

13
MILITARY.

No.
of
stages
and
total
distance.

ROUTE No. 49.

14

137 m.
2 f.

MOUNT ABU.—6 m. 7 f. At 2 m. 1½ f. a
b., p. o., l. s. chauki and well at the
foot of the hill; at 2 m.
5 f. another chauki; at 3 m. 1½ f. chauki
and post hut; at 4 m. 2 f. Ambapani, spring
of good water; at 5 m. ½ f. Abu gate, top of
hill. The road up the hill is very steep and
winding, and in many places sharp zigzags;
camels lightly laden can get up, but as a rule
the traffic is carried by mules, ponies, bullocks
and coolies.

Country covered with jungle.

A sanitarium for European troops.

Barracks for 200 men.

By route 54 to Kherwara (7 marches).

ROUTE No. 50.

FROM PALANPUR TO DEESA.

Length 18 m. 5 f.

2 marches.

Authority and date (month and year).—

Epitome.—General direction W. by N. This route connects Routes 49 and X. A good cart-road, but rather heavy over sandy soil.

From Almodabrd by Route 49 (9 marches).

Circuit.		No. of stage and total distance.	ROUTE No. 50.
Civil.	Military.		
P. S. AT PALANPUR.	G. O. C., KISHORBAO BRIGADE.	1	CHANDISAR.—9 m. 2 f. Road a cart-road, p. o., l. s., r. s. fairly good, over sandy soil; at 4 m. 6 f. pass Chatokha; at 6 m. 6 f. Badarpur. A large village. Camping Ground.—To E. of village. Water.—From a few wells and a tank for 8 months. Supplies.—Abundant.
		9 m. 2 f.	
		2	DEESA.—9 m. 3 f. Road as above at 2 m. p. o., l. s., r. s. cross railway by level crossing; at 4 m. 1 f. R-sans; at 7 m. 1 f. recross railway at Bhoyan level crossing. Country jungle.
		18 m. 5 f.	

ROUTE No. 52.

FROM AHMEDABAD TO KHERWARA *via* IDAR.

Length 116 m. 6 f.

10 marches.

Authority and date (month and year).—Bombay Command
Route Book, 1903.

Epitome.—General direction N.-E. An alternative Route to No. 51. The road is a good cart road, but difficult for last 20 m. where it winds among the hills and is in disrepair and from not being used is overgrown in parts. It is practicable throughout for all arms, and for wheeled transport. Impassable for motors.

Water and supplies for 2 battalions throughout.

By route XII from Mhow (21 marches)

By route X from Boda (7 marches).

By route 18 from Rajkot (13 marches).

AUTHORITIES		No. of stages and total distance	ROUTE No. 52.	
Civil	Military			
G. O. C., 5TH (MHOW) DIVISION.		1	PARANTIA —12 m. 1 f. Cleared road. Soil sandy; at 4 m. 4½ f. cleared road from the town of Ahmedabad joins on the right. At 6 m. 4½ f. pass Limbaria; at 9 m. 1 f. Ganpatpur, 2 f. to the right; at 11 m. 2 f. the cart-road from Sadra joins on left. Country open and cultivated.	
		12 m. 1 f.	200 houses. of village	
		2	CHHALA —5 m. 4 f. At 2 m. ½ f. pass Chlodra; at 3 m. 3½ f. Mahudra; at 4 m. 7½ f. Dhanap;	
		20 m. 5 f.	500 houses. Road as above.	

Supplies.—6 shops.

ROUTE No. 52.

AUTHORITIES

CIVIL

MILITARY.

No
of
stage
and
total
distance.

RESIDENT AT HARODA.

GENERAL OFFICER COMMANDING, 5TH (MHOW) DIVISION

3

31 m.

Camping Ground.—Two fields on the left.
Water.—From 4 wells.
Supplies.—5 shops.

PRANTIJ.—10 m. 3 f. At 2 m. $\frac{1}{2}$ f. pass
 b., p. o., l. s., r. s. Chandrala; at 6 m.
 $6\frac{1}{2}$ f. Katpur; at 9 m. 4 f. the cart-road from
 Sadra joins on left.

Road as above

A large village of about 3,000 houses, 3 dharm-
 salas, medical dispensary, Mamlatdar's kacheri
 and police station.

Camping Ground.—Good, near a large tank on
 the left of the road.

Water.—Abundant, from wells and Hathmathi
 river.

Supplies.—Abundant.

4

44 m.
3 f.

AHMEDNAGAR (E. GATE)—13 m. 3 f. At
 b., p. o., l. s., r. s. 3 m. $2\frac{1}{2}$ f. pass Rasu-

pur; at 4 m. 6 f. cross
 Hathmathi canal (bridge); at 7 m. $1\frac{1}{2}$ f. Dalpur;
 at 9 m. 3 f. Hajipur; at 11 m. 1 f. Pipodi; at
 12 m. $5\frac{1}{2}$ f. re-cross Hathmathi canal (bridge);
 At 12 m. 7 f. Motipara.

Country open and cultivated.

Cleared road, soil red.

A small walled town on the right of the Hath-
 mathi river, 2 dharmsalas and Mamlatdar's
 kacheri.

Camping Ground.—Good, near the bungalow.

Water.—Abundant, from wells and tanks.

Supplies.—Abundant, large bazar.

STATION	No. of stage and total distance	ROUTE No. 52.	
GENERAL OFFICER COMMANDING, 5TH (MHOW) DIVISION	E		
	51 m. 7 f.	<p>IDAR (S GATE).—17 m. 4 f. At 6½ f. cross <i>p. o. l. s.</i> Hathmuthi river, 176 yds. wide, bed rocky, banks low; pass Shaoghur or Panpur. At 3 m 7 f. Varpur, at 4 m 5 f. cross Roja nala 44 yds wide, bed sandy, banks low, easy for carts; at 8 m 4½ f. recross Roja nala at 9 m. 4 f. Hinglay, at 11 m. 1 Dinamil; at 13 m. 1 f. Nitrambil, at 15 m. 1 f. Sapavada; at 16 m. 7 f. Para, at 17 m Phulpura or Javanpara.</p> <p>Country open; no cultivation along the road after Nitrambil.</p> <p>A large town, the principal one of the parganna. <i>Camping Ground.</i>—100 yds. S.-E. of town.</p> <p><i>Water.</i>—Abundant, from wells and tank near C. G.</p> <p><i>Supplies.</i>—Large bazar</p> <p>By route 53 to Palanpur (4 marches) and Deesa (6 marches).</p>	
	6 73 m. 6 f.	<p>MUNDETI —11 m. 7 f. At 4 m 1 f Lelpur, on the Ghuvai, at 5 m. 3 f. Badoli and river; at 8 m. 3 f. Kasanpur and Bhekai river; at 9 m 5 f. Jejuva and river. Good road, for fair weather only. Soil at first hard, afterwards sandy. Country thin jungle, in parts cultivation.</p> <p>A village of 400 houses.</p> <p><i>Camping Ground.</i>—50 yds. to E. of village, demarcated</p> <p><i>Water.</i>—25 wells; tank, and Bhekai river.</p> <p><i>Supplies.</i>—Abundant, 8 shops.</p>	

ROUTE No. 52.

AUTHORITIES		No. of stage and total distance.	
Civil	Military		
POLITICAL AGENT IN MAHI KANTHA AT SADRA. GENERAL OFFICER COMMANDING, 6th (MHOW) DIVISION.		7	TAKA TUKA —11 m. 2 f. At 1 m. 5 f. Malva at 3 m. 5 f. Gharti; 7 m. 7 f. Bhiloda, 4 houses, abundance of good water and supplies. Confined C. G., cultivation all round. Cart-road through thick jungle. 100 houses. <i>Camping Ground</i> —310 yds. to W. of village demarcated 200 x 270 yds. <i>Water</i> —From 5 wells. <i>Supplies</i> .—3 shops.
		85 m.	
		8	PAL —13 m. 1 f. At 2 m. 7 f. pass Jails, at 6 m. 6 f. Raisanpur, small hamlet with a few wells. There is a short road for horse or foot passengers from Taka Tuka to Pal. Good but narrow road over sandy soil and through jungle. A considerable town of 300 houses. <i>Camping Ground</i> .—250 yds. to N.E. of town 200 x 200 yds., not demarcated, require clearing. <i>Water</i> .—From wells. <i>Supplies</i> .—All kinds procurable.
		98 m. 1 f.	
		9	KALMAI .—8 m. 2 f. A road has been cleared from Pal to Kalmai through a narrow valley or river bed, but from being little used it has become overgrown, and in many places destroyed by rains and covered with loose stones. It only requires re-clearing.
		107 m. 2 f.	

ROUTE No. 53.

FROM IDAR TO PALANPUR.

Length 53 m. 6 f.

4 marches.

Authority and date (month and year).—Bombay Comm

Route Book, 1903.

Epitome.—General direction N.-W. Good cart-road over soil, practicable for all arms and wheeled transport in dry weather, unsuitable for motors. Water for 2 battalions, throughout, but supply and fodder scarce. By Route No. 52 from Ahmedabad (5 marches) and Kherwara (5 marches)

AUTHORITIES		No. of stage and total distance.	ROUTE No. 53.
Civil	Military.		
P. A. IN MAHAKANTHA AT SADR	G. O. C., 5th (MHOW) DIVISION.	1	<p>VALASNA.—15 m. 3 f. Road good. Soil hard (sandy for last 2 m), thin jungle on each side, cultivation in parts. Best road to Salubpuria Alia, but sandy. At 2½ m cross nullah. 8 m. Khaski, bad nullah, impassable without improving.</p> <p>A large village on the right bank of Sabarmati river.</p> <p><i>Camping Ground.</i>—On either bank.</p> <p><i>Water.</i>—From Sabarmati river.</p> <p><i>Supplies.</i>—Scarce.</p>
		15 m. 3 f.	
D. V. BARODA.	G. O. C., NAGINAHAD BDE.	2	<p>KHERALU.—14 m. 4 f. Cart-road, sand and heavy. 4 m. Unad, 8 m. Sipu 10 m, Sadikpur. Cross Rupen river at end of stage, by ford of sand and pebbles. In passable in rains.</p> <p>A large town.</p> <p><i>Camping Ground.</i>—E. of town 30 big la demarcated, and fallow land, cleared.</p> <p><i>Water.</i>—From wells and Rupen river.</p> <p><i>Supplies.</i>—Moderate.</p>
		29 m. 7 f.	

ROUTE No. 53.

No. of stage and total distance.		ROUTE No. 53.	
3		RUPAL.—13 m. 1 f. Road heavy and sandy. At 5 m. Kodram. Thence to Nagri; at 8 m. 6 f. road is through low jungle and ravines. At 10 m. 3 f. cross Saravati river. <i>Camping Ground</i> .—N. trees and cultivation all round. <i>Water</i> —For 8 months in one tank; also many wells. <i>Supplies</i> .—Few shops.	
43 m.		PALANPUR.—10 m. 6 f. Road as above. b., p.-a., l.-s., r.-s. At 1 m. 6 f. pass Lemboi; at 3 m. 4 f. Kharsodia; at 6 m. 2 f. Fatehpur; at 8 m. Wagda; at 8 m. 4 f. cross Umardasi river to Salawara.	
4		By route No. 50 to Deesa (2 marches). By Route No. 49 to Mount Abu (5 marches).	
53 m. 6 f.			

ROUTE No. 54.

No.	M- tary	No of stage and total distance		
			GENERAL OFFICER COMMANDING, VISHWANATH RANGPUR	
3				KOTRA.—12 m. 4 f. At 2 m. pass Pormor, At 7 m 1 f. Dongria. In this stage cross Wahal river nine times Road as above. Camping Ground, — 51,220 sq yds. Water — } Abundant. Supplies, — }
4		43 m.		
4				ANJANI.—12 m. Road a cart track Country hilly and jungly Cross several nalas on this stage At 4 m pass Kulha, at 10 m 4 f Kulha, at 11 m. cross Sai river. A small village Camping Ground — Water — Scarce. Supplies, — Nil
5				
5				ROHERA.—14 m. Country and road as above. Cross several large and small nalas. At 1 m. pass Bhuj, at 3½ m. Kukanas; at 9 m. Chitria; at 12½ m. Samwara. Cross Sukri river at end of stage. A small town on N. bank of Sukri river. Camping Ground.— Water.— } Abundant. Supplies, — }
6		63 m.		
6				KIVARLI.—10 m. Country and road as above. Cross several nalas. At 2 m. Wa- tera; at 4 m. 3 f. Bhimans; at 6 m. 3 f.
		79 m.		

AUTHORITIES.		No. of stages and total distance.	ROUTE No. 54.
Civil.	Military.		
R. W. RAJPU-RESIDENT MEWAR RANA STATES AT UDEPUL AT JOHPUR.	G. O. C., KASHIRABAH BRIGADE	7	<p>Bharja; at 8 m. Wada; at 9 m. 2l. cross railway at Kivarli station. A large village. <i>Camping Ground.</i>— <i>Water.</i>—Abundant. <i>Supplies.</i>—Nil.</p> <p>MOUNT ABU,—16 m. At 3 l. cross Ranat river to Pandore. At 4 m. join metalled road from Abu road. r. s. The ascent is not steep and is practicable for carts.</p>
		95 m.	

ROUTE No. 55.

FROM UDEPUR TO AJMER.

Length 171 m. 4 f.

15 marches.

Authority and date (month and year).—13rd Erinpura Regiment, October 1911.

Epitome.—General direction.—N-E. A fair metalled road for 14 m., then a rough cart-track improving to good at Masuda. There is a good metalled road from Nasirabad to Ajmer. The rivers would be serious obstacles to guns, and very difficult for any wheeled vehicle.

Water and supplies for one battalion throughout.

By route No. 26 from Ahmedabad (14 marches); by Route No. 26 from Neemuch (7 marches); by Route No. 27 from Erinpura (5 marches.)

ESSENTIAL.		No. of stage and total distance	ROUTE No. 55.
M.	MILITARY.		
G. O. C., NASIRABAD BRIGADE.		1	CHIRWA. —8 m. Fair metalled road. Soil hard and rocky. Pass villages of Fulla, Bhawana and Partalpur. At 6 m. 7 f. cross Chirwa Ghatta, ascent and descent of ghat not difficult. Country hilly and covered with low jungle. Cross several dalas over which are culverts. A small village. <i>Camping Ground.</i> —S., confined. <i>Water.</i> —From wells. <i>Supplies.</i> —Moderate.
		8 m.	
		2	
		16 m. 4 f.	DILWARA. —8 m. 4 f. Country hilly and covered with jungle. Road as above. Pass villages of Mujira, Nagra, Madri, Kesim, and Orna.

AUTHORITIES

ROUTE No. 55.

Civil

Military.

No.
of
stage
and
total
distance

Camping Ground.—N. and S.

Water.—From wells.

Supplies.—Moderate.

3

NATHWARA.—13 m. 4 f. Country hilly.
l.-s., p.-o. Metalled road with

30 m.

masonry culverts over

nalas. Soil as above.

A large walled town, situated on slope of hill
and almost surrounded by hills; celebrated
as a place of Hindu pilgrimage.

Cross Route 56 from Neemuch (5 marches) to
Erumpura (4 marches).

Camping Ground.—S W, on left bank of the
Banas.

Water —

Abundant.

Supplies.—

Meat difficulty owing to sacred vicinity.

4

RAJNAGAR—9 m. 6 f. Cross Banas river
p.-o. by ford, 80 yds wide,

39 m.

low banks, sandy bot-

8 f.

tom. at 1 m. 6 f. and Khanwar or Khariya. At
3 m. 6 f. pass Khariya, at 5 m. 1 f. Burhanda;
at 7 m. 4 f. cross Rattrin-ki Ghati, descent
difficult. At 8 m. 3 f. Dohinda. Country
open with some hills in parts.

Rough cart-road. Soil as above.

A large walled town, situated on banks of Rao
Samund lake.

Camping Ground.—

Water.—

Supplies.— } Abundant.

RESIDENT, MEWAR, AT UDEPUR.

GENERAL OFFICER COMMANDING, KASIRABAD BRIGADE

ROUTE No. 55.

MILEAGE	No. of PLACES and Distances.	
	5	KELWA —7 m. Pass villages of Bhusu, Bhowana, Bagundra and Dundalo. Country hilly. A rough cart road.
46 m. 6/.		A walled town and strong hill, fort in good order. <i>Camping Ground</i> .—W near tank. <i>Water</i> .— } Abundant. <i>Supplies</i> .— }
	6	AMET .—13 m. 6/. Pass villages of Sirori, Jointpura, Duwara, Parbati, and Agria.
60 m. 4/.		Country hilly. Road as above. A walled town. <i>Camping Ground</i> .—W. <i>Water</i> .—From Chanderbhaga river and wells. <i>Supplies</i> .—Abundant.
76 m. 4/.	7	DEOGARH .—16 m At 4 m. Kpmeti, 5 m. p.o. Pabrano, 5½ m. Tikar; 6½ m. Koatul; 9 m. Bolaji-ka-Kheda; 12 m. Dhul-pura.
		A large fortified town on small hill. Large lake at foot. <i>Camping Ground</i> .—600 yds. N.-E. <i>Water</i> .— } Abundant. <i>Supplies</i> .— }
87 m. 4/.	8	TAL .—11 m. Country open with a few low hills. Good cart-road. At 3½ m. Outria; at 5½ m. Kari river, unbridged, 100 yds. wide, bed sandy; at 7 m. Lasani.

AUTHORITIES.		No. of stage and total distance.	ROUTE No. 55.
Civil.	Military.		
RESIDENT, MEWAR, AT UDEPUR.	GENERAL OFFICER COMMANDING, JAISRAHAB BRIGADE		<p>Camping Ground.—N. and S. Water.—From wells. Supplies.—Moderate.</p>
		3	<p>NATHWARA.—13 m. 4 f. Country hilly l.s., p.o. Metall-d road with masonry culverts on:</p>
		30 m.	<p>naha. Soil as above. A large walled town, situated on slope of hill and almost surrounded by hills, celebrated as a place of Hindu pilgrimage. Cross Road: 50 from Nounuch (6 marches) to Trinpath (4 marches). Camping Ground.—S.W. on left bank of the Ranaa. Water.— } Abundant. Supplies.— } Most difficult owing to sacred vicinity.</p>
		4	<p>RAJNAGAR—0 m. 6 f. Cross Ranaa river by ford, 80 yds, wide low banks, sandy bottom; at 1 m. 6 f. and Kharin or Kharja. At 2 m. 6 f. pass Kharja, at 5 m. 1 f. Barhola at 7 m. 6 f. cross Ratin ki Ghata, difficult. At 8 m. 3 f. Dohinda. Country open with some hills in parts. Rough cart-road. Soil as above. A large walled town, situated on banks of Raa Samand lake. Camping Ground.— Water.— } Abundant. Supplies.— }</p>
		39 m. 6 f.	

No. of stages and total distance.		ROUTE No. 55.	
12		MASUDA. —15m. 6f. Pass villages of Gaw- aria Khera, Kheradi, Dadpura, Kanpura, Dolpura, Surajpura, Nandwara, Deoma, and Mipura. Road as above. A small walled town Camping Ground.—400 yds. W. Water.—Abundant Supplies.—Scarce.	
132 m. 4f.			
13		BADANWARA. —13m. Country open and b. l. s., r. s. level Road metalled, in fair repair. At 5½ m Beghas; at 7 m. Jipia, at 10 m. Deoria A small village. Camping Ground—600 yds S.-W. Water.—Abundant Supplies.—Abundant.	
145 m. 4f.			
14		NASIRABAD. 12m. Pass villages of Bag- b., p.-o., l.-s., r.-s. sun, Babania and Nandla, Country open. On Routes No. III, X, XI, XIII.	
157 m. 4f.			
15		AJMER —14m. A metalled road. At 8 m, b. p.-o., l.-s., r.-s. 4 f. Makrupura; at 9 m. 6 f. Parbatpura; at 10 m. 2 f. Relhi Godhi; at 12 m. road to Jeypur branches off to right, and to Deesa to left. Country hilly and cultivated. A cantonment. Headquarters of the Commissioner, Ajmer-Mer- wara, and a large railway and commercial centre.	
171 m. 4f.			

ROUTE No. 56.

FROM ERINPURA TO SANDARI.

Length 71 m. 2 f.

6 marches.

Authority and date (month and year).—

Epitome.—A rough cart-road, crossing rivers impassable in the rains; joins Routes III and X.

AUTHORITIES		No of stage and total distance.	ROUTE NO. 56.
Civil.	Military.		
RESIDENT, WESTERN RAJPUTANA STATES, AT JODHPUR.	GENERAL OFFICER COMMANDING, NASEERABAD BRIGADE.		ERINPURA b. p. o. l. s.
		1	SANDERAO —13m 4f. A made road in bad repair. A large village.
		13 m. 4 f.	<i>Camping Ground</i> —Good. <i>Water</i> .—From 2 wells 60 ft. deep and a small tank. <i>Supplies</i> .—1 shop, but abundant from Erinpura.
		2	KAONLA .—14 m. 4f. Road a fair-weather cart-road. At 5½ m. pass Koela; at 10½ m. Pawa and cross Khari river, 400 yds. wide, easy for carts, but impassable for camels in rains. Country open and partly cultivated.
		28 m.	A small village. <i>Camping ground</i> .— <i>Water</i> .—Few wells. <i>Supplies</i> .—On notice; 1 shop.

GENERAL OFFICER COMMANDING, NASIRABAD BRIGADE		ROUTE No. 56.	
1	Military	No. of stages and total distance.	
		3	NARWA. —12m. Road as above. At 3 m. 3 f. Sawala, at 8 m, 1 f. Malgarh. Country
		40 m.	<p> <i>funcky with hills near.</i> <i>A small village.</i> <i>Camping Ground.—</i> <i>Water.—From wells and small tanks.</i> <i>Supplies.—On notice.</i> </p>
		4	GHANA. —14m. 4f. Road a cleared cart-track. A small village on S. bank of Sukri river.
		54 m. 4 f.	<p> <i>Camping Ground.—</i> <i>Water.—Abundant from Sukri river and a few wells.</i> <i>Supplies.—Scanty.</i> </p>
		5	MAJAL. —8m 6f. A cart-road, sandy and heavy in part. Pass several villages. A small village on S. bank of Sukri river.
		63 m. 2 f.	<p> <i>Camping Ground.—</i> <i>Water.—As above.</i> <i>Supplies.—Moderate, from a few shops.</i> </p>
		6	SAMDARI. —8m Road as above. Cross
		71m. 2 f.	<p> <i>r. r., s., (JODHPUR- Luni river on Route</i> <i>BIKANER RAILWAY). No. XIII.</i> <i>From Karachi (33 marches) to Jodhpur</i> <i>(4 marches) to Nasirabad (13 marches).</i> </p>

ROUTE No. 57.

FROM NIMBAHERA TO JODHPUR.

Length 183 m. 4 f.

15 marches.

Authority and date (month and year).—Bombay Command.
Route Book, 1903.

Epitome.—General-direction N.-W. by N. Connects routes Nos III, X, XI, and XIII. Between Nimbahera and Pali the Aravallis are crossed by the Somer pass (during the 8th stage between Jhalsara and Dailana), impracticable for wheeled traffic of any kind. Between Pali and Jodhpur the road is suitable for all arms and wheeled traffic, but unsuitable for motors. Water for a battalion, also supplies on notice.

AUTHORITIES		No of stage and total distance.	ROUTE No. 57.
Civil.	Military.		
RESIDENT, MEWAR, AT UDHPUR.	Q. O. C. NAGRAHAD DEGADE.		By Route No III from Mhow 18 (marches and Neomuch (2 marches)
		1	SAWA —12m Road generally good, rough in places At 4 m 4 f pass Pachar, at 7 m Ujarpara and Chalia, at 11 m Amrana Level country covered with low jungle A large village Camping Ground.—Good and open. Water.—Plentiful Supplies.—Procurable
		23 m. 4 f.	NEOLIA.—11m. 4f. At 1 m 4 f. pass Chagri at 4 m Bagwana; at 6 m, Sarlu; at 7 m Bagwana; at 7 m. 6 f. Kouthario; at 9 m 6 f. Sunana. Low hills W. of Sawa. Cross the B-rach river and 11 m. In this stage Road as above.

ROUTE No. 57.

STATION	No of stage and total distance.	
GENERAL OFFICER COMMANDING, VARANASI BRIGADE.		<p>A small village. <i>Camping Ground</i>—Good and open <i>Water</i>—From a few wells and a tank <i>Supplies</i>—Few shops.</p>
	3	<p>JASMA—15m 5f At 5 m 0 f cross the railway line (Udaipur-Clitor); at 0 m pass</p>
	39 m	
	1 f	<p>Bihara; at 8 m 4 f Kapasan, (r s 2 m S) large village and a good tank Road rough in parts, and several water-courses from a large tank near Kapasan</p>
		<p>Cross 10 miles in this stage <i>A moderate sized village</i> <i>Camping Ground</i>—Good on an open plain. <i>Water</i>—From several wells and a tank <i>Supplies</i>—Procurable</p>
	4	<p>RELMAN .GAR—10m 5f At 3 m. 2 f. pass Kabara; at 5 m</p>
	49 m	
	6 f.	<p>Sonariakhera; at 7 m Rajpura; at 8 m 3 f Malikhera. The 1st 0 m is undulating with high knolls; the remaining part is plain Road good and level</p>
	<p><i>A moderate-sized village.</i> <i>Camping Ground</i>—W. near village <i>Water</i>.—Plentiful from wells <i>Supplies</i>—Several shops</p>	
5	<p>KANKHOLI.—14 m. 6 f. At 2 m. 1 f. pass p.o. Mundara; at 6 m. 2</p>	
84 m.		<p>f. Phurwaro; at</p>
4 f.	<p>6 m. 3 f. cross the Banas river, fordable; at 8 m. 1 f. Malankipiph; at 10 m. Mohi;</p>	

ROUTE No. 57.

AUTHORITIES.

Civil.

Mili-
taryNo
of
stage
and
total
distance.

RESIDENT, MEWAR, AT UDEPUR.

GENERAL OFFICER COMMANDING, NASIRABAD BRIGADE

6

79 m.
3 f.

at 13m. 6 f. Aotia. Cross 5 nalas in the stage. Country as above. Road good, rough in places.

In this march cross Route No. 55 from Udepur (4 marches) to Ajmer 11 (marches). town at the southern end of an extensive lake called Rai Samand.

Camping Ground.—About 600 yds. E, near lake.

Water.—From lake.

Supplies.—Procurable.

PARAOLI—14 m. 7. f. At 3 m. 2 f. pass Bhuwana; at 5 m. 3 f. Raman Kakhra;

at 8 m. 4 f. Bundal; at 11 m. 4 f. Tunkra. (Road passes along the base of the embankment of the lake for the last $1\frac{1}{2}$ m. and for 4 m. along the eastern shore.) Cross the Gumti river and 6 nalas in this stage.

Road bad, being stony and rocky.

A small village.

Camping Ground.—About 300 yds. N.E.

Water—From a few wells.

Supplies—Few shops.

7

89 m.
4 f.

JHILWARA.—10 m. 1 f. At 3 m. pass Antalia; at 8 m. 4 f. Mewaria. The last

6 m. it winds along the stony channel of a wide nala, and is very rough, but nowhere difficult for laden cattle and might even be made good for carts without a great deal of labour; then commences the ascent of Chutterbhuj ghat among rocky heights; frequently rugged. Country hilly and cultivated in parts.

R K M S	No of stages and total distance	ROUTE No. 57.	
GENERAL OFFICER COMMANDING, NABIRABAD TRIGADIN.	8	<p>A small village. <i>Camping Ground.</i>—Confined. <i>Water.</i>—From several wells <i>Supplies.</i>—Scarce.</p>	
	104 m. 6 f.	<p>DAILANA.—15 m. 2 f. The road to the top of Chutterbhuj or Sumer pass is gradual and tolerably good and passes through small rocky hills, about 2½ m. in length. The pass is practicable for laden cattle but not for wheeled carriages of any description. Then commences the descent of the Aravalli mountains through an exceedingly deep narrow rocky pass, filled with jungle. At 4 m. the descent is very deep with zig zag road, then a gradual slope over a rugged road in bed of a nala; at 6 m. 3 f. the descent is finished. At 9 m. 4 f. pass Sumer. Cross 5 nalas in this stage.</p>	
	9	<p>A small village. <i>Camping Ground.</i>—N. and near village, on left bank of Sumeri nala. <i>Water.</i>—Abundant from wells. <i>Supplies.</i>—On notice.</p>	
	116 m. 4 f.	<p>CHEPTIA.—11 m. 6 f. At 3 m. 2 f. pass Kelri; at 4 m. 4 f. Ramaji-ka-Gurha; at 6 m. 6 f. Bolakura. Country well cultivated. Road good over a fine and well cultivated country. A small village. <i>Camping Ground.</i>—About 200 yds. N.W. on left bank of Sumeri river.</p>	

ROUTE No. 57.

AUTHORITIES.

Civil

Military

No
of
stages
and
total
distance.

RESIDENT, MEWAR, AT UDEPUR.

GENERAL OFFICER COMMANDING, NASIRABAD BRIGADE

at 13m. 6 f. Aotia. Cross ■ nalas in this stage. Country as above. Road good, rough in places.

In this march cross Route No. 55 from Udepur (4 marches) to Ajmer 11 (marches) A town at the southern end of an extensive lake called Rai Samand.

Camping Ground.—About 600 yds. E., near lake.

Water.—From lake.

Supplies.—Procurable.

■

PARAOLI.—14 m. 7. f. At 3 m. 2 f. pass Bhuwana; at 5 m. 3 f. Baman Kakhra;

at 8 m. 4 f. Bundal; at 11 m. 4 f. Tunkra. (Road passes along the base of the embankment of the lake for the last 1½ m. and for 4 m. along the eastern shore.) Cross the Gumti river and ■ nalas in this stage.

Road bad, being stony and rocky.

A small village.

Camping Ground.—About 300 yds. N.-E.

Water.—From a few wells

Supplies.—Few shops.

7

JHILWARA.—10 m. 1 f. At 3 m. pass Antalia; at 8 m. 4 f. Mewana. The 1st

■ m. it winds along the stony channel of a wide nala, and is very rough, but nowhere difficult for laden cattle and might even be made good for carts without a great deal of labour; then commences the ascent of Chutterbhuj ghat among rocky heights; frequently rugged. Country hilly and cultivated in parts

79 m.
3 f.89 m.
4 f.

ROUTE No. 57.

MILEAGE		No. of stage and total distance.	
2.	M. 57.		
GENERAL OFFICER COMMANDING, NASIRABAD RHUADL		12	<p>KHAIRLA.—0 m. 3 f. At 3 m. 1 f. cross the r.s. the Jodhpur-Bikanir (metro gauge) line between Luni Junction and Marwar junction. Country undulating and mostly under cultivation. Made road in moderate repair, in parts bad.</p> <p>A middling-sized village.</p> <p><i>Camping Ground.</i>—Near village and right side of road.</p> <p><i>Water.</i>—Good from tanks.</p> <p><i>Supplies.</i>—On notice.</p>
		149 m. 1 f.	
		13	
		157 m.	
		14	<p>RAHOT.—8 m. 7 f. Cross the Roria and p.o., r.s. (1 m. S.-W.). Gulua rivers at 4 m. 4 f. and 7 m. 7 f. respectively, fordable except in rains. Country as above.</p> <p>sandy road over undulating ground.</p> <p>A large village.</p> <p><i>Camping Ground.</i>—W. on right bank of Roria river.</p> <p><i>Water.</i>—Good but scarce.</p> <p><i>Supplies.</i>—On notice.</p>
		171 m. 4 f.	
		14	
		171 m. 4 f.	<p>SALAWAS.—14 m. 4 f. Pass Nimla at 8 m. p.o., r.s. (1 m. E.). 4 f. Cross the Luni river, fordable, small mill of brackish water, at 7 m 4 f. and railway line (J. B. R.) at 12 m 4 f. Country very little cultivated and patches of jungle. Road hard and good in parts, in others sandy.</p> <p>A large village.</p> <p><i>Camping Ground.</i>—Near village.</p> <p><i>Water.</i>— } Abundant.</p> <p><i>Supplies.</i>— }</p>

ROUTE No. 57.

AUTHORITIES

Civil

Military.

No.
of
stage
and
total
distance.

RESIDENT, W. RAJPUTANA STATES, AT JODHPUR.

G. G. COMMANDING, NASIRABAD BRIGADE

15

183 m.
4 f.

JODHPUR.—12 m. Pass Dhani (Anji-ki) at 7 m. 6 f. about a mile to left, and railway line (J. B. R.) 2 to 4 f. off on the right. Country open and partly cultivated.

An extensive walled town 5 m. in circumference and surrounded by a fine tank. The citadel and palace are on a rocky height, at the foot of which lies the town. The rocks on the E side of the citadel are precipitous.

The British Agency is 2 m. from the Jhallore gate.

By route No. XI to Jaisalmer (13 marches) and Nasirabad (9 marches).

By route No. XIII to Karachi (37 marches).

Camping Ground.—For a large force on a fine plain to the E.

Water.—

Supplies.—} Abundant.

ROUTE No. 58.

FROM JODHPUR TO ALAI,

Length 90 m. 6 f.

8 marches.

Authority and date (month and year).—

Epitome.—General direction N.-N.-E. Connects Route III with Routes XI and XIII. A fair-weather cart-road suitable for all arms and wheeled transport. Water and supplies for 3 battalions or better.

DISTANCES.		No. of stages and total distance.	ROUTE No. 58.
Gr.	MILITARY.		
GENERAL OFFICER COMMANDING, NARSIPURAN BRIGADE.	GENERAL OFFICER COMMANDING, NARSIPURAN BRIGADE.	1	SURPURA. —10 m. Fair-weather cart-road. Soil sandy. Cross the cart-road on right in Borawns at 2 m. 6 f. and on left to Mandor at 3 m. 6 f. Pass Mandor 1 m. to the left. Cross several small nalas in this stage. Country well cultivated and partly open. A fair-sized village. <i>Camping Ground.</i> —N.-E. <i>Water.</i> —From a few wells. <i>Supplies.</i> —On notice.
		10 m.	
		22 m.	GAGONI. —12 m. Cross the nala at 1 m.; pass Lorli at 3 m. 4 f.; Thabukra at 6 m. and Nagari 6 f. to left; at 8 m. 3 f. pass Gagoni hamlet and cross nala at 10 m. 4 f., fordable except in rains. Country as above. Road as above. A large village. <i>Camping Ground.</i> —About 4 f. N.-E. to right of the road. <i>Water.</i> —From a few wells and a nala. <i>Supplies.</i> —Abundant.

ROUTE No. 58.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Military.		
RESIDENT, WESTERN RAJPUTANA STATES, AT JODHPUR.	GENERAL OFFICER COMMANDING, NASIRABAD BRIGADE.	3	<p>USTHORON.—16 m. 6 f. Pass Lunswari at 1 m. 7 f. and Gonamand at 6 m. 1 f. Cross nala at 6 m. 5 f.; pass Kalawas at 6 m. 4 f.; and Birani at 10 m. 1 f. Cross nala again at 10 m. 5 f.</p> <p>Country hilly and cultivated in parts. Road as above.</p> <p>A moderate-sized village.</p> <p><i>Camping Ground.</i>—E. near village.</p> <p><i>Water.</i>—From a few wells and a tank.</p> <p><i>Supplies.</i>—Plentiful.</p>
		38 m. 4 f.	
		4	<p>BASNI.—14 m. Pass Gadori at 2 m. 3 f. Cross cart-road from Lohara to Asop. Country level and well cultivated.</p> <p>Road as above.</p> <p>A moderate-sized village.</p> <p><i>Camping Ground.</i>—N.-W. near village.</p> <p><i>Water.</i>—From 1 well and a tank.</p> <p><i>Supplies.</i>—Plentiful.</p>
		53 m. 4 f.	
		5	<p>GOA.—9 m. 6 f. Cross the cart-road from Bhunda to Asop. Pass Manikpur at 1 m. 7 f. and Meras at 7 m. 5 f.</p> <p>Good road over level and hard country.</p> <p>A large village.</p> <p><i>Camping Ground.</i>—About 400 yds. N.</p> <p><i>Water.</i>— } As above.</p> <p><i>Supplies.</i>— }</p>
		62 m. 2 f.	

ROUTE No. 58.

No. of Stops and Local Distance.			
12	11		
Ym.	Day.		
GENERAL OFFICE COMVANDING, MESSENGER BRIGADE.		6	KHARNAL —9 m. 4 f. Pass Selgaon $\frac{1}{2}$ m. to left. Cross the cart-road from Bakrod to Mundwa r.s. (Jodhpur-Bikaner Railway) at 6 m. 4 f. Country level and hard. Road as above.
		71 m. 6 f.	A large village. <i>Camping Ground</i> .—Left of road near village. <i>Water</i> .—From a few tanks and a well. <i>Supplies</i> .—Abundant.
		7	GOGALAO —11 m. Pass Khidarpura at 1 m. 7 f; Bansu at 5 m. 6 f. and Indas at 8 m.
GENERAL OFFICE COMVANDING, MESSENGER BRIGADE.		82 m. 6 f.	Country sandy, level and well cultivated. Fair-weather road. A small village. <i>Camping Ground</i> .—N.-E. near village. <i>Water</i> .—From a tank and well. <i>Supplies</i> .—On notice
		8	ALAI —8 m. Pass Barani at 4 m. Country sandy and well cultivated. Road as above.
		90 m. 1 f.	By route No III to Bikaner (5 marches).

ROUTE No. 59.

FROM BIKANER TO USMAN KHERA (ON THE WAY TO FEROZEPUR, IN 3RD LAHORE DIVISION).

Length 147 m. 7 f.

11 marches.

Authority and date (month and year).—Bombay Commar Route Book, 1903.

Epitome.—General direction N. by E. Part of the route from Bikaner to Ferozepur. The road crosses the desert, passing over many sandhills, and would be difficult for any sort of wheeled traffic. Cam transport best, and camels procurable throughout the route.

Supplies for 200 men.

Water for $\frac{1}{2}$ battalion.

By Route No. III from Mhow (44 marches) and Nasirabad (6 marches).

AUTHORITIES.		No. of stage and total distance	ROUTE No. 59.
Civil.	Military.		
R. W. RAJPUTANA STATES, AT JODHPUR.	G O. COMMANDING, NASIRABAD BRIGADE.	1	KHARO —14 m 1 f At 2 f cross railway line (Jodhpur-Bikaner Railway) At 6 f palace 1 m. 5 f Fatehpur, about 6 f to left; at 6 m 1 f Jamsar Country desert. Clear cart-road. A small village <i>Camping Ground</i> —Extensive to N.W. <i>Water</i> .—From well and tank <i>Supplies</i> .—On notice.
		14 m. 1 f.	
		2	
		25 m. 1 f.	
			KASTURIA .—11 m. At 3 m. 7 f. cross Jamsar (r.s.), at 9 m. 1 f Jagdeowala (r.s.) Country as in last stage. Road as above. Sandy and heavy in places A small village.

STATIONS		No. of stage and total distance	ROUTE No. 59.
CH.	MILITARY.		
RESIDENT, WESTERN RAJPUTANA STATES, AT JODHPUR. GENERAL OFFICER COMMANDING, NABHAPUR BRIGADE.			<p><i>Camping Ground</i>.—About 200 yds. <i>Water</i>.—Good from 1 well. <i>Supplies</i>.—For about 200 men</p>
		3	<p>DULHERA—10 m At 2 m 4 f pass Bamh- <i>rs, p, ls.</i> ah or Bannawal; at 8 m 1 f Dherera Country as in last stage Road as above. A very small village <i>Camping Ground</i>.—S and near village <i>Water</i>.—Good, from 1 well <i>Supplies</i>.—On notice.</p>
		35 m. 1 f	
		4	<p>KANKARWALA—14 m At 1 m 6 f pass Haseera, at 4 m Ude- sia; at 9 m 7 f Roja, at 10 m 1 f Phuldekar Bas Country sand- hills throughout A moderate-sized village <i>Camping Ground</i>.—S and near village. <i>Water</i>.—Good, from a tank. <i>Supplies</i>.—For 200 men.</p>
		49 m. 1 f	
		5	<p>MAHAJAN—14 m At 6 m 8 f. pass Bade- <i>rs</i> rap, surrounded by sandhills. Country as above. Road passes over several sandhills A large village <i>Camping Ground</i>.—Extensive, 400 yds. E. <i>Water</i>.—From well and tank. <i>Supplies</i>.—Abundant.</p>
		63 m. 1 f	
		6	<p>MOKALSAR—15 m. 4 f. At 5 m. 3 f. pass Lalera, about 1½ m. to the left; at 9 m. 1 f. cross the cart-road from Jasantsar to Mitharia.</p>
		78 m. 5 f	

ROUTE No. 59.

AUTHORITIES

[Civil]

Military

No.
of
stage
and
total
distance

RESIDENT, W RAJPUTANA STATES, AT JODHPUR
GENERAL OFFICER COMMANDING, NASIRABAD BRIGADE

7

91 m
5 f

Country desert — Road as above
A small village
Camping Ground — No regular ground but space
available S-W
Water — Good, from a few wells.
Supplies — On not on

THAKURANA. — 13 m At 2 m 3 f. pass
Rachudi, about 1 m to
the left At 7 m Kaku.
Country through heavy

sandhills
A moderate-sized village
Camping Ground — N-E and near village
Water — }
Supplies — } As above

8

106 m
7 f

BAROPAL — 15 m 2 f At 3 m 6 f pass
Somavar, At 4 m 1 f
a good well At 8 m
3 f Bhupola, at 9 m a well

Country as above
A large village
Camping Ground — E and near village
Water — Good, from well and tank.
Supplies — Abundant.

9

125 m
3 f

GOLUVALI — 18 m. 4 f At 7 m 1 f Pali-
banga. At 19 m 1 m
cross Jodhpur Lake
near Railway and route 60 from Waler (5
marches) to Rania (3 marches) At 15 m 6 f.
Hathi Country open.

ROUTE No. 59.

STATION		No. of stage and total distance.	
Q.	Military.		
D. C. AT PAKISTAN G. O. C. (LAHORE) DIVISION G. O. C. NARINAD BRIGADE			
		10	<p>Supplies.—On notice.</p> <p>LALGARH.—15 m. At 9 m. 6 f. pass Sardarpura, 2 f. to the left at 10 m. 4 f. Mamer- khera. Country open and partly cultivated. Road as above. A large village. <i>Camping Ground.</i>—Extensive, 150 yds. S. Water — } Abundant. Supplies.—</p>
		140 m. 3 f.	
		11	<p>USMANKHERA.—7 m 4 f. At 1 m 3 f. cross the dry bed for Niwol river. At 2 m. 4 f. Dulpura; at 5 m. enter Ferozepur territory. Country as above. Clear cart-road unmetalled. A large village and police station. C. G. near village. To Ferozepur in 8 marches, distance 79 m. by route 49 of Volume III, Indian route book (1910)</p>
		147 m. 7 f.	

ROUTE No. 60.**WALAR TO RANIA.***Length 116 m.**8 marches.**Part of Route No. 117 of 3rd (Lahore) Division (See Vol. III of 1910).*

Epitome.—General direction F. Connects Bahawalpur and Sirsa
 metalled but suitable for
 places. Supplies very
 Owing to the absence
 of intermediate wells many of the marches are very long and wheeled
 transport might easily break down; camels would be preferable.

AUTHORITIES.		No. of stage and total distance.	ROUTE No. 60.
Civil.	Mili- tary.		
R., W. RAJPUTANA STATES, AT JODHPUR.	G. O. C. NASEERABAD BRIGADE		WALAR. —In 3rd (Lahore) division. From Bahawalpur in 7 marches, distance 79½ m. A village. Camping Ground.—Extensive, 200 yds. N. Water.—Good, from 2 wells. Supplies.—
		1	ANUPGARH —11 m. 2/ Enter Dikaner State at 3 m. 4 f. Pass Bin- jor at 6 m. 2 f.
		11 m. 2 f.	Country sandy; road unmetalled but fit for all arms. A village. Camping Ground.—Good. Water.—Fair, but not good, from wells and tank. Supplies.—On notice.

DISTANCE.		No. of stage and total distance.	ROUTE No. 60.
ST.	MILEAGE.		
GENERAL OFFICER COMMANDING, NABHABAD BRIGADE.		2	BALOCHIA. —15 m. 5 f. Cross dry bed of Hakra or Ghagar river at 4 m. 2 f. Pass Ratanpura at 7 m. and Reni at 11 m. Country as above. Road as above. A small village, which is often deserted in bad weather. <i>Camping Ground</i> —In a dry hard basin surrounded by sandhills. <i>Water</i> .—From wells and tank, but not good. <i>Supplies</i> —Procurable with difficulty.
	26 m. 7 f.		
		3	SARDARGARH —10 m. A heavy sandhill is crossed towards end of stage. Country heavy sandhills. A small village. <i>Camping Ground</i> —Anywhere near village. <i>Water</i> —Good, from tank and well. <i>Supplies</i> —Must be brought from Sardargarh.
	45 m. 7 f.		
		4	RAMPURA. —12 m. Pass Bhagwansar, and Karasar, small villages en route. Country as above.
	5 m. 7 f.		A small village. <i>Camping Ground</i> —Anywhere near village. <i>Water</i> —As above. <i>Supplies</i> —Nil.
		5	DHABLI —18 m. Pass Lakhwali, Dulmani and Dulmana, small villages en route.
	75 m. 7 f.		

AUTHORITIES.		No. of stage and total distance	ROUTE No. 60.
Civil.	Military.		
RESIDENT, WESTERN RAJPUTANA STATES, AT JODHPUR.	GENERAL OFFICER COMMANDING, NASIRABAD BRIGADE.		Country as above. At Dulmani cross route No 59 to Ferozepur. Road runs parallel to Jodhpur-Bikanir Railway. A small village. <i>Camping Ground</i> .—Near village. <i>Water</i> .—Plentiful but slightly brackish, from wells and tank. <i>Supplies</i> .—On notice.
		6	BHUTNIR .—8 m. 4 f. p.o. Country sandy. A small village.
		84 m. 3 f.	<i>Camping Ground</i> .—S.-E. <i>Water</i> .—Plentiful and good. <i>Supplies</i> .—On notice
		7	SURWALI .—13 m. 2 f. Pass Langnathkithar. 2 f. to the left at 4 m 2 f. ; Fir Kamra at 6 m. 6 f.
		97 m. 5 f.	Country as above. A small town. <i>Camping Ground</i> .—W. and near village. <i>Water</i> .—Good, from a well. <i>Supplies</i> .—On notice.
		8	ANIA .—18 m. 3 f. Pass Alipur at 9 m. 3 f. d.p.o. and Jagmalera at 11 m. 1 f. Country un-
		116 m.	cultivated. In 3rd (Lahor) Division. To Sirsa in 1 march, distance 12 m. 5 f. By Route 117 of Volume III Indian Route Book (1910).

ROUTE No. 61.

FROM BIKANER TO PIPAWA.

Length 131 m. 2 f.

9 marches.

Priority and date (month and year).—Bombay Command Route Book, 1903.

Epitome —
 It rather
 short
 legend for supplies.

de for all arms
 and transport
 Notice must

By Route No. 111 from Mhow (44 marches) and Nasirabad (15 marches) by route No. 23 from Jaipur (12 marches).

THEORETICAL.		No. of stage and total distance	ROUTE No. 61.	
St.	Military			
O. O. C., NASIRABAD BRIGADE			BIKANER <i>b., p.v., l.s., r.s.</i>	
		1	MALASAR.—20 m. Cleared road. Soil sandy.	
		20 m.	At 2 f. cross the railway line (J R Railway), at 6 f. palace; at 11 m. 1 f. pass Nagasar; at 13 m. 4 f. Gersar. Country sandy and desert. A small village Camping Ground—W. near village. Water.—Good, from 1 well. Supplies—Available.	
		2	KALKALIA.—20 m. 2 f. At 4 m. 6 f. pass Malania; at 8 m. 8 f. Karuisar; at 12 m. Khari. Country as above. Road as above. A moderate-sized village.	
		40 m. 2 f.		

ROUTE No. 61.

AUTHORITIES.		No. of stage and total distance	
Civil.	Military.		
RESIDENT, WESTERN RAJPUTANA STATES, AT JODHPUR. GENERAL OFFICER COMMANDING, KASIRABAD BRIGADE.			<p><i>Camping Ground.</i>—About 200 yds. N.-E. <i>Water.</i>—Good, from 1 well. <i>Supplies.</i>—On notice.</p>
		3	GOPLAN.—16 m. 4 f. At 3 m. 6 f. pass Kaluwas, at 8 m. 2 f. Nathwana.
		56 m. 6 f.	<p>Country as above. Road as above. A village <i>Camping Ground</i>—About 100 yds. N. <i>Water</i>— } As above. <i>Supplies.</i>— }</p>
		4	SUI.—14 m. 2 f. At 6 m. 7 f. cross the cart-road from Jaitpur to Shakhatar; at 12 m. a well
		71 m.	<p>Country open. Road as above. A moderate-sized village. <i>Camping Ground.</i>—W. near well and temple. <i>Water.</i>— } As above. <i>Supplies.</i>— }</p>
		5	BIGRASAR.—13 m. 2 f. At 6 m. pass Malwar.
		84 m. 2 f.	<p>Country desert and studded with small sandhills. Cart-road, heavy, over sandhills in places. A village. <i>Camping Ground.</i>—N.-E. on the left side of road and near village. <i>Water</i>—Good, from 1 well and tank. <i>Supplies.</i>—On notice.</p>

ROUTE No. 61.

MILES. K. M. MAY.	No. of stage and total distance	
	6	KANSAR —12 m. 4 f. At 7 m. 4 f. pass
	95 m. 6 f.	Dhani, at 10 m. 2 f. wells. Country and road as above. A village.
GENERAL OFFICER COMMANDING, NAWABAD DISTRICT.		<i>Camping Ground</i> .—About 400 yds E. near a well <i>Water</i> .—From several small wells. <i>Supplies</i> .—Available.
	7	NANAU —11 m. 4 f. At 6 m. pass Therana.
	103 m. 2 f.	Country sandy and desert. Cleared road over small sandhills A village.
		<i>Camping Ground</i> .—About 200 yds S.-E. <i>Water</i> .—From a well and tank. <i>Supplies</i> .—Available.
	8	NOHAR —13 m. At 7 m. 2 f. pass Malis; at 10 m. 2 f. a temple
	121 m. 2 f.	Country and road as above
		A walled town with a small fort <i>Camping Ground</i> .—About 250 yds. E. <i>Water</i> .—
		<i>Supplies</i> .— } Plentiful
	9	PIPAWA .—13 m. At 3 m. 4 f. pass Musalman-ki Dham At 5 m. 6 f. Ramsara. Country
	134 m. 2 f.	open and partly cultivated. Cleared road. Soil sandy. In 3rd (Lahore) Division. To Sirsa in 2 marches, distance 20 m. 5 f. (in Raria Route 117, Volume III of 1917).

ROUTE No. 62.

FROM BIKANER TO BHAL (ON ROAD TO HISSAR).

Length 159 m. 1 f.

11 marches.

Authority and date (month and year).—Captain Goff, Royal Field Artillery, December 1910.

Epitome.—General direction E. N.-E. A country cart-track, very difficult in places owing to sandhills. Passable with difficulty by guns and wheeled transport. Camel transport is best. Water and supplies for $\frac{1}{2}$ battalion.

AUTHORITIES		No. of stage and total distance.	ROUTE No. 62.
Civil	Military.		
R. W. RAJPUTANA STATES, AT JODHPUR.	G. O. C. NASIRABAD BRIGADE.	1	BIKANER <i>b, p.o., t.-s., r.-s.</i> By route III from Nasirabad (15 marches).
		12 m.	RAISAR. —12 m. At 2 f. cross J. R. Railway; at 1 m. Residency; at 3 m. a tank; at 3 m. 2 f. cross country cart-road from Udasar to Panchanuka, at 5 m. 1 f. cross cart-road to garden; at 5 m. 6 f. Runlisar. Country sandy; a made road to Runlisar, thence a cart-track. A small village. <i>Camping Ground.</i> —Extensive, about 50 yds. E. <i>Water.</i> —Good, from a well 160' deep, with small trough. <i>Supplies.</i> —Nil.

ROUTE No. 62.

MILES		No. of stages and total distance.	
7	8		
GENERAL OFFICER COMMANDING, NAIRANAD BRIGADE		2	GOHAINSAR.—10 m. At 3 m. 4 f. cross country cart-road; at 4 m 3 f. Naorangdesar
		22 m.	1 m. to left. Country sandy; road a country cart track. A small village. Camping Ground.—W. and near village, extensive. Water.—Good, from deep well. Supplies.—Nil.
		3	JODHASAR.—12 m. At 1 m. 3 f. a tank; at 3 m. 4 f. cross country cart-track, at 6 m.
		24 m.	Seruna, at 9 m. 2 f. Janjen. Country and road as above. A small village. Camping Ground.—S. E. and near village, extensive. Water.—One sweet well, 200' deep. Supplies.—Nil.
		4	DUNGAUARH.—13 m 1 f. At 3 m. Lakhasar. Road as above.
		47 m. 1 f.	A new village. Camping Ground.— Water.—From several good wells. Supplies.—On requisition. On Bikanir-Ratagarh section of Jodhpur Bikaner Railway.

AUTHORITIES.		No. of stage and total distance.	ROUTE No. 62.
Civil.	Military.		
E. W. RAJPUTANA STATES, AT JODHPUR.	G. O. C., NASHIKABAD BRIGADE.	11	<i>Camping Ground.</i> —S. near village. <i>Water.</i> —Abundant from wells. <i>Supplies.</i> —Abundant. BHAL. —14 m. 1 f.—Pass Mathai and Nardin- d., p.-o. pur at 3 m. 7 f.; Ma- thui-ki-Bas at 7 m; and Ragar-Mathui at 8 m. 2 f. Enter Hissar district at 11 m. Country and road as above. In 3rd (Lahore) Division to Hissar in 4 marches 41 m. (Vol. III of 1910, route 59).
		159 m. 1 f.	

ROUTE No. 63.

WACHARSAR TO NARNAUL (ON THE WAY TO DELHI
FROM BIKANER).

24117 m. 7 f.

8 marches.

Month and date (month and year).—December 1910.

Epitome.—General direction E. The most direct route between
Wacharsar and Delhi. A country cart road, difficult and sandy in
places, but passable by all arms and wheeled transport. Camel
transport is better. Water and supplies for 1 battalion
by route 62 from Bikaner.

ROUTE No. 63.

MIL- itary.	No. of stages and total distance.	
G. O. C. KANWARA BRIGADE	1	RATANGARH —18 m. A country cart-road po. l. s. r. s. (June- over desert. At 5 f tion for Hissar from pass dhamsala and Bikaner) tank; at 4 m cross cart road; at 9 m 4 f. Chhajusar; at 11 m 2 f Champas; to left; at 15 m 6 f Udera and large tank. A small town.
	18 m.	Camping Ground—About 100 yds. E. Water.— } } Abundant. Supplies. }
	2	BIRAMSAR .—11 m 6 f. At 1 m. 4 f Derajsar 1 m. to left; at 3 m. 1 f. Dhan; at 4 m 2 f. Gusainsar; at 8 m Tidiasar; at 10 m 2 f. cross cart-road; at 10 m. 6 f. tank, 100 yds. wide, to left; country jungly. A fair- weather road.
	29 m. 6 f.	

AUTHORITIES.

[Civl.]

Military.

No.
of
stage
and
total
distance.

ROUTE No. 63.

RESIDENT, JEYPUR.

GENERAL OFFICER COMMANDING, NASIRABAD BRIGADE

3

40 m.
6 f.

A small village.

Camping Ground—E and near village*Water*.—From well and tank.*Supplies*—Procurable from neighbourhood**FATEHPUR**—11 m At 4 f enter Shaikh-
p-o, l-r. awati aithe; at 1 m.5 f. cross cart-road
from Dhanu to Bhojesar; at 4 m. pass
dharmasala and tank; at 4 m 3 f. Pol of
Sabear. Road very sandy.A small town with stone citadel; it was the
chief town of Kasim Khan Nawab, but now
belongs to the Rao Ragoh of Sikur.*Camping Ground*.—About 80 yds W.*Water*.—Good, from several wells; one on
C. G. with trough*Supplies*—Abundant, on notice.

4

53 m.
1 f.**MANDAWA**—12 m 3 f At 3 m Tadsir,
p-o, l-r. 2 f. to the left; at 6 m.

1 f. Balod (Nara).

At 8 m. Sadmsir. Country jungly; a cart-
road over heavy sand.

A large village.

Camping Ground.—N.-E. near village, extensive.*Water*.—From a few wells.*Supplies*—Abundant.

5

68 m.
1 f.**JHUNJHNU**.—15 m. At 3 m. 3 f. Wadpura;
p-o, l-r. at 6 m. Hetamsir;

at 9 m. 4 f. Dorana;

at 11 m. 5 f. Absur; at 13 m. 2 f. Shudsir.

Country open and sandy. Road as above.

ROUTE No. 63.

A small town, filled with forts, belonging to different Shaikhawati chiefs.

Camping ground—N, extensive.

Water—From wells, one in C G, with trough.

Supplies—Abundant on notice.

6

SULTANA—16 m 2 f / At 3 m Samaspur;
at 10 m 3 f. Islam-
pur; at 11 m 2 f.

84 m

3 /

cross Kanli river, fordable, except in rains; at 13 m Madapura Country and road as above.

A moderate-sized village.

Camping Ground—About 300 yds E.

Water—From well on C G, with trough.

Supplies—On notice.

7

SINGHANA—14 m. 4 f.—At 2 m 2 f cross
p-o cart-road from Chi-
raua to Charas; at

83 m

7 f.

5 m pass Galdano (chota) and a well; at 7 m cross cart-road from Bohana to Jasrapura. Country partly cultivated and studded with small hills. Road fair, but heavy sand in places.

A large town.

Camping Ground—Extensive and fairly good to S.

Water—Good, from well on C G, with trough.

Supplies—Plentiful on notice.

8

NARNAUL—19 m In 3rd (Lahore) Division
p-o, l-s, r-s to Delhi, in 7 m. marches,
distance 80.

117 m

7 f.

(Volume III of 1910, Route 42)

ROUTE No. 64.

FROM AJMER, TO MANGLIAWAS (*b, p.o., t.s., r.s.*).

Length 16 m

2 marches.

Authority and date (month and year).—

Epitome.—Direction S.W. This route connects Ajmer with Main Routes Nos III, X, XI and XIII, to the W.

AUTHORITIES.		No. of stage and total distance.	ROUTE No. 64.
Civil.	Military.		
A. C. AT AJMER	Q. O. C., SARADHRA BRIGADE	1	SARADHRA —10 m. Good made road <i>r.-s.</i> Country partly hilly partly cultivated at 3m. 1 f. pass 2 wells, at 3 m 7 f h anpura, at 5 m. 1 f. Dorai; at 7 m 3 f 2 wells, at 8 m a well A moderate-sized village. Camping Ground—N.E. and near village. Water.—From wells and a tank Supplies—Many shops
		10 m.	
		2	
		16 m.	MANGLIAWA 3—6 m. Country and road as <i>b, p.-o., t.-s., r.-s.</i> above At 1 m 6 f pass well, at 3 m h. sar-pura, 1 f. to 1st At 3 m 2 f a well On Routes Nos. III, X, XI, XIII

ROUTE No. 65.

FROM AJMER TO KISHENGARH.

Length 20 m.

2 marches.

Authority and date (month and year) —

Epitome.—Direction N.-E. Connects Ajmer with Main Route
to X to Delhi.

DISTANCES.		No. of stage and total distance.	ROUTE No. 65.
Civil	Military.		
A. C. AT AJMER	G. O. C. KASHIRABAD BRIGADE	1	GANGWANA. —10 m. Made road. Country fully and partly cultivated.
		10 m.	
		2	KISHENGARH. —10 m. Country and road as above. Cross R. M. Railway at about half way. By Route No. X to Delhi.
		20 m.	

STATION		No. of stages and total distance	ROUTE No. 66.
CL.	MILITARY.		
RESIDENT, WESTERN MADAGASCAR, AT JOZUEPHE	GENERAL OFFICER COMMANDING, NASSIRABAD BRIGADE		descends through the village of Manpura to a salt's bed, having cultivation and a well on both sides of the road. At 11 m. the road passes through a small range of hills on the left, and descends into the bed of the river that was crossed at 1 m., having little water. Country and road as above.
			A large village. Camping Ground.—About $\frac{1}{2}$ m. N.-N.-W. and on left of road. Water.—Good, from a few wells. Supplies.—On notice.
		3	MAGLANA.—9 m. At 4 m. pass Ranja, at 6 m. Charnwas; at 7 m. Babul jungle, fairly thick; at 7 m. 4 f. Deoli. The road passes through several deep sandhills.
		26 m. 4 f.	A small village. Camping Ground.—E. of village, and close to it, on the right of road. There is a prominent peak about $\frac{1}{2}$ m. E. Water.— } As above. Supplies.— }
		4	KUCHAWAN.—11 m. 4 f. At 4 m. pass p. o. Ranugaum on the right and soon a dry river bed is crossed, at 5 m. Palara. Thence the road passes over a sandy plain studded with babul trees, and is a little less heavy.
		48 m.	At 11 m. 4 f. cross a salt lake, about $\frac{1}{2}$ m. from ground but in wet season it would be impossible to go 1 m. above.

AUTHORITIES.		No. of stage and total distance.	ROUTE No. 66.
Civil	Military.		
RESIDENT, WESTERN RAJPUTANA STATES, AT JODHPUR.	GENERAL OFFICER COMMANDING, KASIRABAD BRIGADE.		<p>Cross the Kuchaman Road—(Merta Road Section of the J. B. Railway) in this stage. Naranpura station about 3 m. to E. of point where road crosses the railway.</p> <p>A large village with fort.</p> <p><i>Camping Ground.</i>—On the right of road and N. of fort.</p> <p><i>Water.</i>—Good, from well.</p> <p><i>Supplies.</i>—Abundant.</p>
		5	<p>MAULASAR.—13 m. 4 f. At 4 m 4 f. pass p. o. Ransar, at 8 m.</p> <p>Nimbad. The road for the whole distance is excessively heavy, over an undulating sandy plain covered with low shrubs and studded with Babul trees.</p> <p>A moderate-sized village.</p> <p><i>Camping Ground.</i>—N.-W. on the right of road. It is little enclosed and rather uneven (sandhills).</p> <p><i>Water.</i>— } As above.</p> <p><i>Supplies.</i>— }</p>
		61 m. 4 f.	
		6	<p>DIDWANA.—12 m. (On Degana-Hissar Section of J. B. Railway).</p> <p>p. o., t. s., r. s.</p> <p>At 2 m. pass Kichak; at 3 m. 4 f. Chhapri (Bari). At 5 m. 4 f. Panta; at 8 m. cross salt lake, about 1 m. broad, which extends to a great distance on the left of the road, but to less than a mile on the right. Country and road as before.</p> <p>A walled town.</p> <p><i>Camping Ground.</i>—Extensive and good, E. of town on right of road.</p> <p><i>Water.</i>— } As above.</p> <p><i>Supplies.</i>— }</p>
		73 m. 4 f.	

DISTANCES.		No. of stage and local distances.	ROUTE No. 66.
Primary	Secondary		
RESIDENT, WESTERN RAJPUTANA STATION, AT JODHPUR GENERAL OFFICER COMMANDING, NAGRAHAR BRIGADE		7	DHOLIA. —13 m. 4 f. Road level through deep sand; at 4 m. pass Patan; at 10 m. Sardi. Country open. A small village. <i>Camping Ground</i> —Excellent, level and extensive, close to N of the village. <i>Water</i> .—Good, from wells. <i>Supplies</i> .—On notice.
		87 m.	
		8	SUJANGARH. —10 m. 4 f. (On Degana-b., p. o., t. s., r. s. Hissar Section of J B Railway). About half way it crosses the dry bed of a small salt lake $\frac{1}{2}$ m. broad, with the village of Kasumbi on the right, after this a large sandy grass plain with a low range of hills on the left is passed over. At 7 m a salt lake (dry bed) about 2 m. broad is crossed. The road across the salt lake is dry "put" and very good for marching. Country open. A large town and headquarters of Nazim. There is a bungalow belonging to Bikaner Durbar. An old fort, now containing jail. By Route No. 68 to Bikaner (7 marches). <i>Camping Ground</i> .—N-W. <i>Water</i> —Good well near Bikaner Durbar, other wells not good. <i>Supplies</i> —Abundant. A large bazar and transport available.
		97 m. 4 f.	

ROUTE No. 67.

FROM KISHENGARH TO NARNAUL.

(On road to Delhi and closely follows Rewari-Phulera Chord
— of Rajputana-Malwa Railway.)

Length 144 m. 3 f.

13 marches.

Authority and date (month and year).—

supplies. cart track,
Caneels
brackish,
given for

AUTHORITIES		No of stage and total distance.	ROUTE No. 67.
Civil.	Military.		
A. C. AT AJMER. RESIDENT AT JEYTOR.	G. O. O. NAGRAHABAD BRIGADE.	1	HARMARA. —9 m. 4 f. Made road up to r.s. (Tilunia 2 m.) 2 m. thence cart road branches off to the left; at 3 m. 4 f. passes Mandauria; at 5 m. 4 f. crosses the railway line (R. M. R.). Country hilly. A small village. Camping Ground.—About 300 yds. Water.—Plentiful. Supplies.—On notice.
		9 m. 4 f.	
		2	MOMANA. —11 m. 5 f. At 5 m. 2 f. pass Narana; at 3 m. More Country open. A fair- weather road. A small village. Camping Ground.—About 500 yds. N.W. Water.—From a few wells. Supplies.—Sacree.
		21 m. 1 f.	

GENERAL		No. of stage and total distance.	ROUTE No. 67.	
1.	2.	3.	4.	5.
GENERAL OFFICER COMMANDING, NAIRNAD BRIGADE.	3	SAMBHAR.—11 m. 5 f.	At 1 m. pass Rasputra.	
	32 m. 6 f.	Country sandy. Road tolerably good. A town situated on the E. bank of a salt lake. The lake is of considerable extent, being nearly 5 m. in circumference. <i>Camping Ground.</i> —S.-E. near r. s. <i>Water.</i> Scarce. <i>Supplies.</i> On notice.	At 4 m. 7 f. Rasputra Bg.	
	4	SANODIA.—8 m. 4 f.	Country open and undulating. Road heavy and sandy.	
	41 m. 2 f.	A small village. <i>Camping Ground</i> —N.-E. near village. <i>Water</i> Scarce, from one brackish well. <i>Supplies.</i> —On notice.		
GENERAL OFFICER COMMANDING, NAIRNAD BRIGADE.	5	MENDAH.—9 m.	At 4 m. 3 f. pass Bhaislano r. s., at 5 m. 1 f. cross small nala. Country open and level. Road as above. Railway runs about 1 m. to E. throughout this march. A small village. <i>Camping Ground.</i> —S.-E. near village. <i>Water.</i> — <i>Supplies.</i> —	As above.
	50 m. 2 f.			
	6	BADHAL.—12 m. 4 f.	At 3 m. 1 f. cross the Sambhar nala, fordable; at 3 m. 7 f. pass Kishengarh and cross railway at Renwal station; at 10 m. 2. f. Bas.	
62 m. 6 f.				

AUTHORITIES

Civil.

Military.

No
of
stage
and
total
distance.

ROUTE No. 67.

Country—sandy. Road as above.
A small village.
Camping Ground.—N.-W. to the left of road.
Water.—Plentiful.
Supplies.—On notice.

7

RINGUS.—16 m. 2 f. At 4 m pass Dadao.
l. s., r. & . Country open and
cultivated Road over

79 m.

heavy sand. A large village on the right
bank of Mendal river.

Camping Ground.—About 180 yds. S.-E.
Water.—From a few wells.
Supplies.—On notice.

8

SRI MAHDOPUR.—8 m. 4 f. Pass Dunga-
l. s., r. & . Ka-Bava, Paribaurj
Bagra and Thikurya

87 m.
4 f.

Country as above
Road fair and level.
A large village.
Camping Ground.—About 200 yds. N.-W.
Water.— } As above.
Supplies.— }

9

CHOKRI.—14 m. At 7 m pass Dulapura, at
11 m. 6 f. cross river,
fordable. Country

101 m
4 f.

open and tolerably well cultivated; hills at
a distance.

Road as above.
A small village.
Camping Ground.—About 400 yds. E.
Water.—Scanty.
Supplies.—On notice.

RESIDENT AT JEYPUR.

GENERAL OFFICER COMMANDING, NASIRABAD BRIGADE.

ROUTE No. 67.

No.
of
Miles
and
Furlongs
between
Stations

10

109m.
5f.

PAPRA.—8m. 1f. At 2 and 3 m. respectively cross nalas, heavy for carts; at 3 m. 4 f. pass Gwala; at 12 m. 4f. cross nala, fordable. Country undulating. A country cart-road. A small village.
Camping Ground.—E. and near village.
Water.—From a few wells and a nala.
Supplies.—From Pachlaga and Gwala.

11

118m.
5f.

CHUNDARA.—9m. At 2 m. 6f. cross the Kantli River, fordable, except in rains; at 3 m. 1 f. pass Saraho; at 4 m. Surpura. Country jungly. Road indifferent, running along the Shaikhawat boundary. A few huts.
Camping Ground—On the left side of the road.
Water.—From one well.
Supplies.—From Babai and Maounda.

12

133m.
3f.

BASI.—14m. 6f. At 2 m. 6 f. cross nala, fordable; at 9 m. 3 f. pass Dhanis; at 11 m. Sihor; at 13 m. 3 f. Besarrah; at 14 m. 1 f. cross the Basai river, fordable, except in rains, when a ferry place. Cross several difficult nalas in this stage. Country partly open and studded with small hills. Road as above. A small village.
Camping Ground.—Not marked, but plenty of space in fields near village.

AUTHORITIES

Civil

Military

No.
of
stage
and
total
distance.

ROUTE No. 67.

RESIDENT AT JEYPUR.

GENERAL OFFICER COMMANDING, NASHIRABAD BRIGADE.

7

79 m.

Country sandy. Road as above.
A small village.
Camping Ground.—N.-W. to the left of road.
Water.—Plentiful.
Supplies.—On notice.

RINGUS.—16 m. 2 f. At 4 m pass Dadac
l. s., r. s. Country open and
cultivated Road over

heavy sand. A large village on the right
bank of Mendal river.

Camping Ground.—About 180 yds S.-E.

Water.—From a few wells.

Supplies.—On notice

8

87 m.
4 f.

SRI MAHDOPUR.—8 m. 4 f. Pass Dunga-
l. s., r. s. Ka Baga, Paribhori
Bagra and Thukurya

Country as above.

Road fair and level

A large village.

Camping Ground.—About 200 yds N.-W.

Water.—

Supplies.— } As above.

9

101 m.
4 f.

CHOKRI.—14 m. At 7 m pass Dulapura, at
11 m. 6 f. cross hills,
fordable. Country

open and tolerably well cultivated; hills at
a distance.

Road as above.

A small village.

Camping Ground.—About 400 yds E.

Water.—Scanty.

Supplies.—On notice.

ROUTE No. 68.

FROM JEYPUR TO BIKANER.

Length 191 m. 2 f.

17 marches.

Authority and date (month and year).—Jaipur to Ringus; Captain Tyler, Durham Light Infantry, July 1911; Ringus to Bikaner, Bombay Command Route Book, 1903.

Epitome.—General direction N.-W. Road a fair-weather track, very bary and sandy in places, and unfit for wheeled transport. Water supplies scarce.

PROPERTY.		No of stage and total distance.	ROUTE No. 68.
St.	M.-LARY.		
GENERAL OFFICER COMMANDING, NASIRABAD BRIGADE.			JEYPUR.—On Route X from Bombay to Delhi; from Nasirabad 7 marches.
		1	HARMARO.—8 m. 3f. Made road for 3 m., then fair-weather track.
		8 m. 3f.	At 3½ m. Amani Shah nala; at 5 m. Khara. Country open, with occasional cultivation; hills to the right. A small village lying between low hills.
		2	CHAUMAN.—10 m. 6 f. Road a fair-weather track. Country open and cultivated.
		19m 1f.	At 1 m. Rajas; at 3½ m. Mashri river, fordable; at 5½ m. Tustawas; at 6½ m. Ram pura at 8½ m Jailpura. A large town and tahsil.

ROUTE No. 68.

AUTHORITIES.		No of stage and total distance.	
Civil.	Military.		
GENERAL OFFICER COMMANDING, RAJSHAHIBAD BRIGADE.			Camping Ground.—S. near village. Water.—A few wells. Supplies.—Abundant.
		3	RINGUS.—16 m. 2 f. Pass Lowara at 3 m. 1 f.; Billakhan at 5 m. 1 f.; Govindgarh 7 m. 1 f. Cross Mendah river at 8 m. 1 f.; fordable.
		35 m. 8 f.	Pass Dhorsir at 10 m. 1 f.; Gadi at 12 m. 7 f.; Prasrampura at 14 m. 3 f. Cross a branch of the Mendah river at 15 m. 3 f. The Mendah is a stream with a broad sandy bed (water 2 f. deep) running into the Sambhar lake. Cross several nalas in this stage. Country as above. Here route crosses route No. 67 from Kishengarh (7 marches) to Narnaul (6 marches). Road very heavy and intersected by sandhills. A large village on the right bank of Mendah river.
			Camping Ground.—About 180 yds. S.-E. Water.—From a few wells. Supplies.—On notice.
		4	PHALSANO.—16 m. Pass Dangakubas at 2 m. 6 f.; Dhandi at 3 m. 2 f.; Bauri (Bara) at 5 m. 4 f. and Tikria at 8 m. 4 f. Cross the nala at 9 m., fordable. Country as above. A large village.
		50 m. 8 f.	Camping Ground.—N.-E. near village. Water.— Supplies.—As above.

AUTHORITIES.		No. of stage and total distance.	ROUTE No. 68.
CIVIL.	MILITARY.		
RESIDENT AT JETPUR. GENERAL OFFICER COMMANDING, NASIRABAD BRIGADE.		5	RANOLI—6 m 3 f.—Pass Akhepura at 2 m. 6 f. and Shishu at 5 m. 2 f. Country open and sandy in parts. Road level, last
		56 m. 6 f.	2 1 on the high hills Camping Ground.— Water.—From a few wells and a tank. Supplies—
		6	SIKAR.—11 m. 4 f. Cross the stream, and a p-o. branch of the stream at 1 m. Enter Shaikhawati State at 4 m 1 f. Pass Gorian at 3 m, Kuchher-Rewasa at 8 m 7 f and Dhani at 10 m 4 f. Country as above. Good cart-road. Soil sandy. A large town in Shaikhawati territory.
		68 m. 2 f.	Camping Ground—E near village Water—From few wells Supplies—Abundant
		7	PHAGALWA.—10 m. 7 f. Pass Challas at 4 m. 4 f., Sehota at 6 m. 2 f. and Seeva at 9 m. 1 f. Country open and sandy. Road through hollows between sand ridges. A small village.
		79 m 1 f.	Camping Ground—About 100 yds. W. near village. Water—From 1 well Supplies—Procurable from neighbourhood.

ROUTE No. 68.

AUTHORITIES

Civil.

Military

No
of
stages
and
total
distance

RESIDENT, WESTERN RAJPUTANA STATES, AT JOHDPUR.

GENERAL OFFICER COMMANDING, NASIRABAD BRIGADE.

14

161 m.
6 f.BADNO.—13 m 1 f. Pass Lakhmisar at 6 m
Country and road as
above.A small village.
Camping Ground.—N. W. and near village.
Water.— } As above.
Supplies.— }

15

176 m.
2 f.NAPASAR.—14 m 4 f.—Pass Mundisar at 8 m
Country and road as
above.A moderate-sized village
Camping Ground —W. near village and exten-
sive plain.
Water.— } As above.
Supplies.— }

16

182 m
2 fGARWALA —0 m. Country and road as
above.A small village.
Camping Ground.—About 300 yds. N. to left of
the road
Water.— } As above.
Supplies.— }

17

191 m.
2 f.BIKANER —0 m. Pass water trough at 2 m
4 f. and Sindh at
6 m 7 f. Cross the
railway line (J. B. Railway). at 8 m. 4 f.
Country as above.A large town and palace and capital of the
Bikaner State. It is
built by
30 acres.
Camping Ground.—About 400 yds. S. of r. s.
Water.— } Abundant.
Supplies.— }

ROUTE No. 69. a

AUTHORITIES		No. of stage and total distance.	
Civil.	Military.		
A. C. AT AJMER. GENERAL OFFICER COMMANDING, NABHRAH BULGADE.			Country and road as above. A large village surrounded by a mud wall and ditch. <i>Camping Ground</i> —About 300 yds. N.-E. <i>Water</i> .— <i>Supplies</i> .— } On notice.
		4	
		41 m. 1 f.	GANWAR. —12 m. At 4 m. 7 f. pass Neagaon, at 6 m. 4 f. Derawat Country open and undulating. Fair-weather cart-road. A small village. <i>Camping Ground</i> —About 400 yds. N.-E. <i>Water</i> .— <i>Supplies</i> .— } As above.
		5	
		49 m. 1 f.	DIGI. —7 m. At 3 m. 3 f. pass Desmi. Country open and partly cultivated. Road as above. A large village surrounded by a mud wall. <i>Camping Ground</i> .—N.-E. and near village. <i>Water</i> .—On notice. <i>Supplies</i> .—Plentiful.
		6	
		59 m. 1 f.	MONI —11 m. At 4 m. 4 f. pass Sora, at 7 m. 4 f. cross the cart road from Lawa to Bansi, a nala in this stage. Country and road as above. A small village. <i>Camping Ground</i> .—About 250 yds. S.-E. <i>Water</i> .—From wells and a tank. <i>Supplies</i> .—Must be collected.

ROUTE No. 69.

RESIDENT AT JEYPUR.
GENERAL OFFICER COMMANDING, NASIRABAD BRIGADE.
F. A. HARAU AND TONG, AT DEOLI.

DISTANCE	No. of stages and total distance.	
MILEAGE		
	7	DANGARTHAL.—11 m. At 2 m. pass Chasgaon; at 6 m. Binmaro; at 7 m. Basro;
	70 m. 1 f.	at 8 m. cross the Mashu river, fordable, Country and road as above. <i>Camping Ground.</i> — <i>Water.</i> —Scarce. <i>Supplies.</i> —Procurable.
	8	JELAYA.—13 m. 4 f. At 2 m. pass Chakana; at 3 m. 4 f. Khandaot; at 9 m. Naug (Choni) and Nawai, a large village. At Nawai cross route 32 from Deoli (5 marches) to Dausa (5 marches). At 10 m. cross railway (metre gauge) from Jeypur to Sawai Madhopur near Newai station.
	83 m. 5 f.	Country as above. Road uneven and sandy. A fortified town of considerable extent <i>Camping Ground.</i> —About 400 yds. S.E. on the right side of road. <i>Water.</i> —Very scarce. <i>Supplies.</i> —Plentiful.
	9	GANGWARO.—12 m. At 7 m. 6 f. Jamaraoli; at 8 m. cross the Dhi river, fordable; at 9 m. 6 f. Sesola. Cross several nalas in this stage. Road as above. A small village.
	95 m. 5 f.	

AUTHORITIES.		No. of stage and total distance.	ROUTE No. 69.	
Civil	Military			
RESIDENT AT JEYPUR.	GENERAL OFFICER COMMANDING, NASIRABAD BRIGADE.	10	CHOR MALARNA.—13 m. At 2 m. 3 f. pass Saroi; at 7 m. 4 f. cross the nala to Mainroh.	
		103 m. 5 f.	Country undulating and bare. Road as above.	
		11	BALODA.—8 m. 6 f.	
		117 m. 3 f.	MINAPARA.—6 m. 4 f. } See route No. 26. stages 39—41	
		12		
		123 m. 7 f.		
		13	GANGAPUR.—8 m. 7 f. p. o., l. s., r. s.	
P. A. EASTERN RAJPUTANA STATES, AL DHOLPUR.	GENERAL OFFICER COMMANDING, NASIRABAD BRIGADE.	132 m. 6 f.	At Gangapur cross Bombay, Baroda and Central India railway (broad gauge) from Nagda to Muttra. By route No. 26 to Agra (10 marches)	
		14	MAMADPUR.—8 m. 4 f. Road good. Last mile heavy. At 4 m. 1 f. pass belimpur, at	
		141 m. 2 f.	8 m. Kurgaon. Country open, cultivation scanty. A small village. Camping Ground—N. and near village. Water.—Few wells. Supplies.—Must be collected.	

ROUTE No. 69.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Military.		
RESIDENT IN GWALIOR. GENERAL OFFICER COMMANDING, JUANSI BRIGADE.		18	SABALGARH—11 m. Road bad and im- b., p. a., l. s., r. s. practicable for carts, crossing many <i>nalas</i> ; a guide would be necessary. Country rocky and cut up by ravines. Cross Chambal (deep and unfordable) at 2 m. by ferry, 6 boats, which This y into
		186 m. 6 f.	Gwalior. A town with large fort. Hills S. of road, quite close. Camping Ground.—125,000 sq. yds. N. of town and 130 yds. W. of b., partly enclosed by small stream. Water.—Good, for a battalion, from a well 200 yds. N. of C. G. Supplies.—Procurable.
		19	KELARAS.—14 m. 4 f. Road metalled. Pass b., p. a., l. s., r. s. Kaodoli at 4½ m., and cross Kaori river by iron bridge at end of stage. A large village on right bank of Kaori river. Camping Ground.—400 × 120 yds. at the foot of a hill ½ m. E. of village. Water.—Good, for a battalion, from well in a garden E. of C. G. Supplies.—On notice.
		201 m. 2 f.	
		20	JAURA.—12 m.—Country and road as above. b., p. a., l. s., r. s. Cross a branch of Kaori en route by an iron bridge.
		213 m. 2 f.	

THEORETICAL.

No. of
stage
and
total
distance.

Military.

ROUTE No. 69.

Camping Ground.—*Water.*—For a battalion from well in centre of C. G.*Supplies.*—On notice.

21

SINAULI.—8 m. Road unmetalled, sandy
i. s., r. s. in places. Cross Asan,
generally fordable, at
5 m.221 m.
2 f.

A large village with fort.

Camping Ground—*Water.*—Good, for a battalion, from well in
Fakir's garden W. of C. G.*Supplies.*—Procurable.

22

PAHANI—10 m. Road as above. Cross
small branch of Asan
river, fordable except
after heavy flood at 4 m231 m
2 f.

A village.

Camping Ground—200 × 190 yds 3 m. W. of
Bamourgaon r. s*Water.*—Good, for battalion, from well 250 yds.
N.-W of C G.*Supplies*—Scarce.

23

GWALIOR—17 m 4 f. Road as above until
b., p. o., i. s., r. s. it joins the Gwalior-
Arra road at Bamour-
gaon r. s on Route No IX from Mhow (27
marches) to Agra (6 marches). Gwalior r. s.,
½ m. to N243 m.
6 f.*Camping Ground*—400 × 375 yds, very good.
(Nowlaka parade ground).*Water*—From 2 wells.*Supplies.*—All kinds procurable.

GENERAL OFFICER COMMANDING, JHANSI BRIGADE.

ROUTE No. 70.

FROM BHILWARA TO DEOLI.

(Connects Routes III and XI.)

Length 58 m. 2 f.

5 marches.

Authority and date (month and year).—Officer Commanding
42nd Deoli Regiment, July 1911.

Epitome.—General direction E.-N.-E. An unmetalled road in bad condition, throughout, particularly between Shahpura and Deoli, there are several rivers and naks to be crossed, the principal of which are the Katari, the Khari and the Banas. Water and supplies scarce. Wheeled traffic could traverse this route with difficulty.

AUTHORITIES		No. of stage and total distance	ROUTE No. 70.
Civil	Military		
RESIDENT, MEWAR, AT UDEPUR. GENERAL OFFICER COMMANDING, NASSIRABAD BRIGADE			BHILWARA. —By route III from Mhow (23 b., p. o., l. s., r. s. marches) and Deemuch (7 marches).
		1	MOWA. —11 m. A good road, over a vast undulating plain. At 1 m. 4 f. cross the dry sandy bed of Katari river, about 300 yds. wide, with low banks; at 2 m. 2 f. Sanganeer; at 5 m. 2 f. Chapri; at 8 m. 2 f. Richra. Country covered with low bushes. A small village.
		11 m.	
		2	SHAHPURA. —14 m. 6 f. At 1 m. 6 f. Khara, at 3 m. 4 f. Krimra, at 7 m. 2 f. Inkola, cross nakas, dry soon after rain.
		25 m. 6 f.	

STAGES		No of stage and total distance.	ROUTE No. 70.
Cc.	Military.		
GENERAL OFFICER COMMANDING, NASIRAPAD BRIGADE.			Country and road as above. A walled town <i>Camping Ground</i> —About 500 yds. N.-E. <i>Water</i> .—From well. <i>Supplies</i> —Scarce.
		37 m. 6 f.	LASARIA. —12 m. At 4 m. 6 f. pass Kadian- ma, at 5 m. cross the dry bed of Khari nah, 40 yds. wide, and very easy; at 6 m. 6 f. Baland at 9 m. 4 f. Mundla. Country as above, road as above. A small village. <i>Camping Ground</i> .—Site N. and near village. <i>Water</i> .—From few wells. <i>Supplies</i> .—On notice.
		47 m. 6 f.	SAWAR. —10 m. At 1 m. 6 f. pass Sithora; p.o. country as above. Road excellent. A walled town protected by a small hill fort. <i>Camping Ground</i> .—450 yds. S.-E. <i>Water</i> .— <i>Supplies</i> .—} Abundant.
		58 m. 2 f.	DEOLI. —10 m. 4 f. At 5 m. 3 f. Khara; at b., p.o., t.s. 6 m cross the Banas river, 400 yds. wide.

ROUTE No. 72.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Military.		
D. C. NIVAR, AT KHANDWA.	GENERAL OFFICER COMMANDING, 5th (MHOW) DIVISION.	3	BIR. —11 m. 1 f. Road as above. At 5 m. r.s. 3 f. Pipra river; at 6 m. Khygaon; at 7 m. 1 f. Palsud. Thick jungle all the way. <i>Camping Ground.</i> —Good. <i>Water.</i> —Abundant, from wells. <i>Supplies.</i> —Moderate.
		36 m.	
		4	HARSOD —13 m. 6 f. Country thick jungle. b, p.o., l.s., A made cart-road. At 7 m. Ghaur; at 8½ m. Tawa river, at 13 m. Amakhel nala. <i>Camping Ground</i> —(in bank of Amakhel nala, neither demarcated nor cleared. <i>Water.</i> —Abundant from wells and nala. <i>Supplies.</i> —Nil. Bazar Mondays.
		49 m. 5 f.	
D. C. NOSHUNGARAD.		5	CHIPABAR. —10 m. 1 f. Country open and p.o., r.s., (Khirkian cultivated. A made road at 1½ m. Kalimachak river; at 4 m. Pisan r.s., at 5 m. cross river by bridge; at 8 m. Pokhami N. of road; at 9½ m. Goraghat nala. <i>Camping Ground.</i> —400 yds. N.-W., not demarcated. <i>Water.</i> —From wells, for 200 men only. Between August and March, 2 tanks, one fit for human consumption. <i>Supplies.</i> —For one battalion.
		59 m. 8 f.	
		6	MANDLA. —6 m. 5 f. Country open and cultivated. Made road. At 4½ m. Ilguria to right and Mahal, to left.
		66 m. 3 f.	

PORTS.		No. of stages and total distance.	ROUTE No. 72.
7	72.		
D. C. HINDINGARAO GENERAL OFFICER COMMANDING, 6TH (MHOV) DIVISION.		7	<p><i>Camping Ground.</i>—400 yds. S.-W. on bank of Machar river, extensive, demarcated. <i>Water.</i>—Abundant, from river and wells. <i>Supplies.</i>—A few shops.</p> <p>HARDA.—13 m. 4 f. Country open. A made b., p.o., l.s. r.s. road. Cross several streams unbridged. At 1½ m. Barangi, at 2½ m. Barangi, at 4 m. Kanlona; at 6½ m. Musangaon; at 7 m. Didla nala, at 11 m. Kuroda; at 11½ m. Midkul river 100 yds. wide, at 12½ m. Anjan river.</p> <p>Harda is a town on Route XII. See Route XII, stage 41.</p>
		79 m. 7 f.	

ROUTE No. 74.

FROM GOONA TO JHANSI.

Length 104 m. 6 f.

9 marches.

Authority and date (month and year) —

By Route No VIII from Mhow (16 marches).

AUTHORITIES		No. of stage and total distance	ROUTE No. 74.
Civil.	Military.		
RESIDENT AT GWALIOR. GENERAL OFFICER COMMANDING, JHANSI BRIGADE.		1	MIANA.—17 m 6 f. Follows Route No. VIII until nearing Miana. The road neither metalled nor bridged but passable for all arms. A small town with fortress.
		17 m. 6 f.	Camping Ground.—750,000 s f. yds. Water.—Good for a Ratn. from wells and stream (dry in hot weather) near village. Supplies.—Plentiful.
		2	KALABAGH.—10 m. Country undulating with open jungle. Road in last part of 1st stage. Cross the Sind (fordable but difficult) about half way.
		17 m. 6 f.	A small village. Camping Ground.—Small, near village and road. Water.—Good, for a Ratn, from well on C. G. Supplies.—On notice.

MILE- AGE.	No. of Mile and Total Distance.	ROUTE No. 74.
GENERAL OFFICER COMMANDING, JHANSI BRIGADE.	3	<p>RANGARH.—12 m. Country level and partly cultivated. Road as above.</p> <p>39 m. 6 f. A village. <i>Camping Ground</i>—Small, near village. <i>Water</i>—Good, but limited, from spring and wells close to village. <i>Supplies</i>—Must be collected</p>
	4	<p>BARAPAHARA—11 m. Country and road as above. A small village.</p> <p>50 m. 6 f. <i>Camping Ground</i>—Near village <i>Water</i>—Plentiful, but indifferent, from Ahair stream close to village. <i>Supplies</i>—Scarce.</p>
	5	<p>MEJAPOOR.—12 m. Country hilly and partly cultivated Road not good Between 10 and 11 m. descend Mejapoor Ghat, short but very stony.</p> <p>82 m. 6 f. Ford the Mohwar en route. A village. <i>Camping Ground</i>—Close to village. <i>Water</i>—Plentiful and good, from wells and Mohwar stream near village. <i>Supplies</i>—Nil.</p>
	6	<p>PACHHAR.—12 m. —Road good but unmetalled.</p> <p>74 m. 6 f. <i>Camping Ground</i>—150,000 sq. yds. N.-W. of village. <i>Water</i>—From tank to S. and two wells. <i>Supplies</i>—</p>

AUTHORITIES		No of stage and total distance.	ROUTE No. 74.
Civil	Military.		
COLLECTOR, JHANSI.	GENERAL OFFICER COMMANDING, JHANSI BRIGADE	7	LALONCH.—12 m. Road as above but may need repair. Tank at Panhari 9 m.
		86 m. 6 f.	Camping Ground.—S. of village. Water.—Four wells with trough, each watering 10 horses at a time.
		8	BILORA (OR BITHORA).—12 m. Road good.
		98 m. 6 f.	Camping Ground.— $\frac{1}{2}$ mile S. of village. Water.—5 wells. Supplies.—Nil.
		9	JHANSI.—6 m. Road good.
		104 m. 6 f.	See route VIII, Stage 34. From here by route 84 to Cawnpore.

ROUTE No. 75.

FROM GOONA TO TIKANGARH TEHRI.

Length 111 m. 4 f.

11 marches.

History and date (month and year).—B. P. Route Book 1930, corrected by road map C. I., June 1908, and Jhansi Brigade, December 1909.

Eptime.—General direction E. by N. As far as Lahtpur it is a dirt track, impracticable in rains. From Lahtpur a metalled road.

Water and supplies for a battalion.

This route connects route No. VIII., 38 and 78.

By route VIII from Mhow (16 marches.)

UTILITIES		No of stage and total distance	ROUTE No. 75.
RESIDENT AT GUALIOR	MILITARY.		
GENERAL OFFICER COMMANDING, JHANSI BRIGADE		1	PINIGHATI —13 m. Country undulating and jungly. Road unmetalled, impracticable for carts in rains. Pass Pargara railway station at 9½ m and cross Sind by ford at end of stage A very small village on right bank of Sind river. The railway passes near village. <i>Camping Ground</i> —12,000 sq. yds. about 250 yds. from village and road. <i>Water</i> —Abundant, from well on C. G. <i>Supplies</i> —Must be collected.
		13 m.	
		2	SHAHDAURA .—7 m Road very roughly metalled. Country as above. A large village with an old ruined fort.
		20 m.	

AUTHORITIES.		No of stage and total distance	ROUTE No. 75.
Civil.	Military.		
RESIDENT AT GWALIOR.	GENERAL OFFICER COMMANDING, JHANSI BRIGADE	6	CHANDERI. —12 m. Road as above. At b. p. o. 1½ m. cross Or river. Country undulating and jungly Road as above, not well bridged. and impracticable for carts in the rains. A large village with hill fort. <i>Camping Ground.</i> —200 × 200 yds. close to road and village. <i>Water</i> —Plentiful and good from several wells near camping ground. <i>Supplies.</i> —Procurable.
		62 m.	
		7	SARWARO —9 m. Road a rough unmetalled track, but passable for carts, badly bridged. A very small village near Betwa <i>Camping Ground</i> —Large, near river. <i>Water</i> —Fair, from river. <i>Supplies</i> —Must be collected.
D C AT LALITPUR.	GENERAL OFFICER COMMANDING, JHANSI BRIGADE	71 m	
		8	LALITPUR. —12 m. Road as above. Cross b. p. o. Betwa river. On route No. 88 from Kampti (30 marches) and Saugor (7 marches) to Jhansi (6 marches), and Gwalior (12 marches). <i>Camping Ground.</i> —27,250 sq yds. demarcated. Near town, on Jhansi road. <i>Water.</i> —Plentiful, good, from a well (sometimes dry in November) and a <i>nala</i> ½ m. from camping ground. <i>Supplies.</i> —Abundant.
		88 m.	

ROUTE No. 76.

FROM BHOPAL TO LALITPUR,

Length 141 m. 5 f.

12 marches,

Authority and date (month and year).—

Epitome.—General direction N.-E. Road metalled as far as Berasia, then a rough cart-track, practicable for all arms except after heavy rains. Water and supplies for 2 battalions.

By route No. 36 from Mhow (11 marches), by route No. 73 from Betal (9 marches.)

AUTHORITIES.		No. of stage and total distance.	ROUTE No. 76.
Civil.	Military.		
W. A. IN BHOPAL, AND SEHORE.	GENERAL OFFICER COMMANDING, JHANSI BRIGADE	1	RATWA BANDIKHERI—13 m. Road metalled.
		18 m.	Two villages, Ratwa on right and Bandikhera on left of road. Camping ground— Water.— Supplies.— Procurable.
		2	BERASIA.—13 m. Road as above.
		26 m.	p-o. A large village. Camping ground— $\frac{1}{2}$ m. N. of village. Water.—Good from a well 200 yds. S of camping ground, indifferent from 2 other wells 1 on camping ground and one $\frac{1}{2}$ m. N. of village. Supplies.—Abundant.
		3	DATURIA —12 m. Country well cultivated and undulating, with a few isolated hills.
		38 m.	

AUTHORITIES		No. of stages and total distance	ROUTE No. 76.
Civil.	Military.		
RESIDENT AT GWALIOR.			By route 77 via Jhalrapatan to Kotah (13 marches). A town <i>Camping Ground</i> .—S. of town near bungalow <i>Water</i> .—Abundant from several wells on C. G. <i>Supplies</i> .—Plentiful.
		7	DEKNAKHERA.—10 m 6 f. Road a cart-track Country cultivated in parts, remainder jungle. A moderate-sized village. <i>Camping Ground</i> .—Large near village. <i>Water</i> .—Plentiful and good from wells in village (for animals from nala near). <i>Supplies</i> .—Scarce.
		78 m 7 f.	
		8	BAHADARPUR.—14 m. Road and country as above. A small village. <i>Camping Ground</i> .—Large, near village. <i>Water</i> .—Drinkable from nala and 1 well in village <i>Supplies</i> .—Very scarce
D. C. AT SAUGOR.		92 m 7 f.	
		9	KANJIA.—16 m 6 f. Country and road as above. Past Mangavali railway station on Bina-Coona railway at 10½ m, and cross Botwa (fordable except in rains) at 12½ m. A moderate-sized village. <i>Camping Ground</i> .—Large, close to road and village. <i>Water</i> .—Good from wells in village. <i>Supplies</i> .—Scarce.
G. O. C. JUBBULPUR BRIGADE		103 m 5 f.	

ROUTE No. 77.

FROM SIRONJ TO JHALRAPATAN.

Length 116 m. 1 f.

9 marches.

Authority and date (month and year).—

Epitome.—General direction W.-N.-W. A cart-track, bad for most part and stony, difficult at any time for guns or wheeled transport; some rivers impassable in rains. Water good and plentiful but supplies scarce in places. Connects Routes XI, VIII, 30, 44, 37, and 76.

AUTHORITIES.		No. of stage and total distance.	ROUTE No. 77.
Civil.	Military.		
RESIDENT AT JEYPUR.	GENERAL OFFICER COMMANDING, JHANSI BRIGADE.		<p>SIRONJ.—By route No XI from Saugor (7 marches).</p> <p>Route No. 76 from Bhopal (6 marches).</p>
		1	<p>MOW AKHERI—11m 4f. Country hilly. Road a fair track, rises in 1st 3 m. to high tableland</p> <p>A small village.</p> <p><i>Camping Ground</i>—W. near village (Large).</p> <p><i>Water</i>.—Plentiful and good from 3 wells near C. G.</p> <p><i>Supplies</i>—On notice.</p>
		11 m. 4 f.	
		2	<p>MOTHI.—12m. 4f Country level and chiefly cultivated.</p> <p>Road as above, but hardly passable for laden carts in places. Cross Sindh river at 3½ m. Pass Anandpur at 6½ m.</p> <p>A small village</p> <p><i>Camping Ground</i>.—(Spacious) near village.</p>
		24 m.	

ROUTE No. 77-a.

FROM SIRONJ TO BIAORA.

Length 52 m. 2 f.

3 marches.

Authority and date (month and year).—39th Central India Horse,
October 1913.

Epitome.—A cart-track over black cotton soil, passable by all arms in the dry season, impassable in the rains. This route shortens the distance between Sironj and Agar by 3 marches.

AUTHORITIES		No of stage and total distance.	ROUTE No. 77-a.
Civil	Military		
POLITICAL AGENT, BHOPAL, AT SIRONJ. GENERAL OFFICER BHUVANESWAR, 5th (BHOW) DIVISION			SIRONJ. —On Main Route XI (See Route XI b., p. a., r. a. stage 11).
	1	18 m. 4 f.	LATERI. —18m. 4f. Road a cart track over black cotton soil, impassable for wheeled transport in the rains At 4 m. Bardhai, at 6 m. Babrod; at 8 m. Rusia; at 10½ m. Balampur, at 12 m. Morawas; at 15 m. Mundra
	2	38 m. 2 f.	OTALA. —19m. 6f. Country at first hilly and enclosed; afterwards open and undulating with grass and scrub jungle. Road generally a country cart track impassable in the rains; the portion between Naikilla and the Parbatti river (5 m.) is metalled.

ROUTE No. 78.

FROM SAUGOR TO MAU.

Length 103 m.

11 marches.

Authority and date (month and year).—Road Map, Central India Agency, June 1908, and Jhansi Brigade, December 1909.

Eptome.—General direction N. by E. Road metalled throughout and passable by all arms and wheel-d transport. Also fit for motors. Some of the rivers would be serious obstacles after heavy rain.

Water for 1 battalion, but in places not of good quality.

Supplies.—Procurable on notice.

This Route is an alternative to No. 38 (Saugor to Jhansi) and No. 40 (Saugor to Nowgong) By route XI from Jubbulpur (10 marches).

AUTHORITIES.		No. of stage and total distance	ROUTE No. 78.
Civil.	Military		
DEPUTY COMMISSIONER AT SAUGOR.	G H C, JUBBULPUR BRIGADE.	1	MAWASI.—6m. 4f. Country hilly and jungly with partial cultivation. Road metalled and bridged.
		6m. 4f.	A small village. <i>Camping Ground.</i> —E. of road and village. <i>Water.</i> —Good for 1 battalion from wells 200 yds E. of C. G. <i>Supplies.</i> —Procurable.
		2	BARAUL.—8m 4f. Country and road as above. Cross the Dassen at end of stage
		15m.	by causeway in dry season, by ferry (1 small boat), after heavy rains. A small village near left bank of Dassen river. <i>Camping Ground.</i> —196,400 sq. yds. W. of road. <i>Water.</i> —Good from river near C. G. <i>Supplies.</i> —Procurable.

ROUTE No. 78.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Military.		
D. C., LAITPUR.	GENERAL OFFICER COMMANDING, JUREULPUR BRIGADE.		
		3	DHANONI.—9m. 6f. Country and road as above. Pass Pathar at 5½ m.
		24m. 6 f.	A small village. Camping Ground.—193,600 sq. yds. W. of road and near village. Water.—Indifferent for 1 battalion from well N. of and (for animals) from tank near C. G. Supplies.—On notice.
		4	SONRAI.—9m. 2f. Country undulating. Road as above
		84 m.	A small village. Camping Ground.—270 × 150 yds. on road side close to village. Water.—Good from well near C. G. and tank. Supplies.—Must be collected.
		5	SAIDPUR.—9m. 4f. Country chiefly jungle. Road as above.
D. C., JHANSI BRIGADE.	GENERAL OFFICER COMMANDING, JUREULPUR BRIGADE.	43 m. 4 f.	A village. Camping Ground.—180 × 160 yds. near road and ½ m. N.-W. of village. Water.—Borekahi but drinkable from wells on and near, and (for animals) from a tank close to C. G. Supplies.—Scarcy.
		52 m. 6 f.	MAHRONI.—9m. 2f. Country open and irrigated. Road as above. Pass N. of at 1½ m.

ROUTE No. 78.

AUTHORITIES.		No. of stage and total distance.	
Chf.	MS- tary.		
POLITICAL AGENT, BUNDILKHAND, AT NOWGONG.	D. C. LALITHPUR.	GENERAL OFFICER COMMANDING, JEANSI BRIGADE.	
			<p>A good-sized village <i>Camping Ground</i>.—450×350 yds. $\frac{1}{2}$ m. from village. <i>Water</i>.—Good, from wells in village and one near C. G. <i>Supplies</i>.—Procurable.</p>
			<p>7</p> <p>TIKANGARH TEHRI—13m 2/. Country chiefly jungle Road as above. At 9 m. cross Jamna nadi, impassable in very heavy floods only. A large walled town, with a fort. <i>Camping Ground</i>—16,000 sq yds, on road side $\frac{1}{2}$ m N of town.</p>
			66 m.
			<p>8</p> <p>MAJNA.—12m. Country broken and chiefly jungle.</p>
			<p>78 m.</p> <p>Road metalled and fair. Pass Lachmanpur at 4$\frac{1}{2}$ m. A small village <i>Camping Ground</i>—On road side close to village. <i>Water</i>.—Plentiful, good, from 2 wells, near, and a tank $\frac{1}{2}$ m from C. G. <i>Supplies</i>.—Scarce</p>
			<p>9</p> <p>JATARA—12m. Country and road as above. Nalas only impassable after very heavy rain</p>
			90m.

AUTHORITIES

Civil.

Military

No.
of
stages
and
total
distance.

ROUTE No. 78.

POLITICAL AGENT, BUNDELEKHAND, AT NOWGONG

GENERAL OFFICER COMMANDING, JHANSI BRIGADE.

10

100 m.

11

109 m

Supplies.—On notice.

From Jataia by route 89 to Nowgong (2 marches), an indifferent cart track.

BAMJORI —10m Country and road as above.

Camping Ground —400 x 150 yds.

Water.—Good

Supplies.—Procureable

NAU.—0m. Road as above.

Camping Ground —220, 400, sq. yds. 1 1/2 m S.E. of town

Water.—Plentiful, good, from 2 wells on C.

Supplies.—Abundant.

By route No VIII W to Jhansi 4 marches, 1 1/2 m. and E. to Nowgong, 2 marches, 2 1/2 m.

ROUTE No. 79.

TILANGARI TEHRI TO JHANSI.

Length 55 m.

5 marches.

Authority and date (month and year).—

Epitome.—General direction N. by W. A very bad road, unsuitable for guns or wheeled transport. Water plentiful throughout, but supplies scarce in parts. A better but longer route No. 78 to Mau, and thence by route No. VIII to Jhansi 8 marches 83½ m.

From Saugor by Route 78, 7 marches, 66½ m.

AUTHORITIES.		No of stages and total distance	ROUTE No. 79.
Civil	Military		
POLITICAL AGENT, MUNDLAHAT, AT YONGONO.	GENERAL OFFICER COMMANDING, JHANSI BRIGADE.	1	BILGAM —9m 4f. Country partly cultivated. Road metalled and bridged as far as Sidhgrona, then neither metalled nor bridged in very bad condition, and hardly passable for loaded carts. A very small village. <i>Camping Ground</i> —150×150 yds. on roadside ½ m. from village. <i>Water</i> .—Plentiful and good from 3 wells in field near, and, for cattle from small tank ½ m from, C G. <i>Supplies</i> .—Scarce
		9m 4f.	
		2	
		21m. 5 f.	BAMROI —12m 1f. Road as in latter part of last stage. Country undulating and jungly. A village. <i>Camping Ground</i> .—400×150 yds. on roadside S. of village.

AUTHORITIES		No. of stage and total distance
Civil	Military	

ROUTE No. 79.

C. AT JHANSI.	P. A. BUNDLEHAND, AT NOWGONG	G. C. G. JHANSI BRIGADE.	3	<p><i>Water.</i>—Plentiful, good, from 5 wells in fields near C. G. (for animals from tank $\frac{1}{2}$ m. off C. G.)</p> <p><i>Supplies.</i>—On notice.</p> <p>PIRTIP JR.—12m. 6/. Country and road as above. Pass Makora at 7 m. a good sized village.</p> <p><i>Camping Ground</i>—12,000 yds. near road and $\frac{1}{2}$ m. from village</p> <p><i>Water.</i>—Plentiful and good from wells near C. G. for animals from tank $\frac{1}{2}$ m. off</p> <p><i>Supplies.</i>—On notice</p>
			34m. 3 1/2	
			4	<p>BARWA SAGAR.—12m 7/.</p>
			47m. 2 1/2 5	<p>JHANSI.—10m. 6/.</p>
			58m.	

} By Route No. VIII.

ROUTE No. 80.

FROM JATARA TO NOWGONG.

Length 29 m.

2 marches.

Authority and date (month and year).—

Epitome—Direction N.-E. by ■ An indifferent cart-track, passable by all arms and wheeled transport in dry weather.

By Route No 78, from Saugor 9 marches, 90 m ■ f.

AUTHORITIES		No. of stage and total distance	ROUTE No. 80.	
Civil	Military			
F. A. FUNDLKHARD, AT NOWGONG	G ■ COMMANDING, JHANSI BRIGADE.	1	PALCHRA —13 m Country broken and chiefly jungle Road an indifferent track.	
		13 m.	Cross the Urenal (impassable after heavy rain) at about 7 m A village Camping Ground—Small, $\frac{1}{2}$ m W of village Water—Plentiful, good, from 2 wells S. and close to C G Supplies—On notice	
		2	NOWGONG —16 m Country and road as above Cross the	
		29 m	Dhasan (impassable in flood) at 7 m by a ford about ■ mile from Garauh (a village on right bank) or ferry, 1 boat carrying 30 men On Route No. VIII and 40	

AUTHORITIES.		No. of stages and total distance.	C	ROUTE No. 81.
Civil.	Military			
D C. NARSINGPUR.	H O C. JUBBULPUR BRIGADE			A village. Camping Ground — Water. — Supplies —
		4 39 m 6 /		NARSINGHPUR — 9 m 4 / Road as above. Pass Dangidana, on Route Nos XII and 38 To Jubbulpur (6 marches) by Route XII. To Hoshungabad (11 marches) by Route XII. To Saugor (9 marches) by Route III

ROUTE No. 82.

FROM SEONGI TO CHHINDWARA.

Length 148 m.

13 marches

Authority and date (month and year).—Road Scheme Map, Nagpur Division, 1905.

Eptome.—General direction N. To Barhā Bahighat, then W by N. A 1st class metalled road (the part between Barhā Bahighat and Behrai was to be raised to this class in 1905) Connects Routes Nos. VII, VI and 39.

On route No. VII from Nagpur (7 marches) and Raipur (11 marches).

AUTHORITIES.		No. of stage and total distance.	ROUTE No. 82.
Civil.	Military.		
DEPUTY COMMISSIONER OF BHINDARA.	G. O. COMMANDING, JUBBULPUR BRIGADE.	1	PALUSGAON —10 m. A 1st class metalled road At 1½ m leave route No. VII and turn N at Khomara. Pass Arjuni (large village with Bungalow), cross nala, pass Pursuri, Dongargaon, and Dawa. A village. <i>Camping Ground</i> —Kept clear of brushwood <i>Water</i> .—Plentiful <i>Supplies</i> .—On notice.
		10 m.	
		2	MANDISAR .—7 m. 6 f. Road as above &c. A village. <i>Camping Ground</i> .— <i>Water</i> .—Plentiful; large tank about ½ m N.W. <i>Supplies</i> .—On notice.
		17 m. 6 f.	

ROUTE No. 82.

AUTHORITIES		No. of stages and total distance.	
Civil	Military		
D. C. OF BALAGHAT	GENERAL OFFICER COMMANDING, JUBBULPUR BRIGADE.	3	GONDIA. —11 m. 4 f. A railway junction b., p. o., t. s., r. s. Jubbulpur-Gondia line (2' 6" gauge) branches off from main Bengal-Nagpur line here <i>Camping Ground</i> —No fixed place. <i>Water</i> —Plentiful <i>Supplies</i> —Plentiful.
		29 m. 2 f.	
		4	KANTI. —10 m 2 f. Road as above, running b. E. of railway.
		39 m. 4 f.	A village. Birsola railway station is about 2 m W. <i>Camping Ground</i> — <i>Water</i> .—Procurable. <i>Supplies</i> .—Procurable.
		5	BARHA BALAGHAT. —13 m. 4 f. Road as b., p. o., t. s., r. s. above.
		53 m.	A small town and Headquarters of Civil dis- trict <i>Camping Ground</i> —Good. <i>Water</i> .—Plentiful <i>Supplies</i> —Plentiful.
		6	LALBURRA. —14 m. Road muramed b., p. o. and unbridged, to be raised to a 1st class road (Road Scheme of 1905). Cross Wingan- Branch
		67 m.	

AUTHORITIES		No. of stage and total distance.	ROUTE No. 82.
Civil	Military.		
GENERAL OFFICER COMMANDING, JUBHULPUR BRIGADE.		7	BEHRAI —14 m. Road 1st class. Pass several small villages and nahas, and at 10 m. reach ghat 3 m. long. A large village. <i>Camping Ground</i> .—Nil. <i>Water</i> .—1 well only, near b, which dries up in summer. <i>Supplies</i> .—
		81 m.	
		8	
		92 m.	
		9	
		108 m.	SEONI .—14 m. Road 1st class, metalled b, p. a., l. s., r. a. Pass several villages. A large town and Civil station. <i>Camping Ground</i> .—N. of town <i>Water</i> .—Abundant and good from pakka well which is cleared after rains. <i>Supplies</i> .—Abundant. On route No. VI from Nagpur (7 marches) to Jabhulpore. To Jabhulpore (9 marches) (1) Nainpur-Chindwara branch (2 nd 6 th gauge) of Bengal-Nagpur railway.
		10	
		117 m. 4 f.	KOHAK .—11 m. 4 f. Road as above, running s. a. (Pepardahree). alongside railway line

AUTHORITY 24.

Civl. Military.

No
of
stage
and
total
distance.

ROUTE No. 82.

DEPUTY COMMISSIONER AT JHONI
GENERAL OFFICER COMMANDING, JUBBULTUR BRIGADE
DEPUTY COMMISSIONER AT CHHINDWARA

11	126 m. 7 f	<p>A small village, near Peepardahce station. <i>Camping Ground</i>.— <i>Water</i>—From wells <i>Supplies</i>—On notice</p> <p>CHAURAI—9 m 3 f Cross several nalas t s, r s. bridged over or having causways. Road as above</p> <p>A large village <i>Camping Ground</i>— <i>Water</i>—From wells. <i>Supplies</i>—Abundant</p>
12	137 m. 7 f	<p>UMARIA.—11 m Road as above Cross r s (Jhilmilli). Pench river (bridged) and several nalas.</p> <p>A small village, near Jhilmilli station <i>Camping Ground</i>—Cultivated and not kept cleared. <i>Water</i>.—From pakka well. <i>Supplies</i>—On notice.</p>
13	148 m.	<p>CHHINDWARA.—10 m 1 f. Road as above. b., p. o., t s, r s</p> <p><i>Camping Ground</i>.—Good, locally known as Gulab Rai Amrai. <i>Water</i>—Abundant <i>Supplies</i>—Abundant.</p> <p>On Route No. 33 from Kamptee (6 marches) to Saugor (17 marches); Jhansi (30 marches) and Gwalior (36 marches) Route No. 41 to Pachmar 8 marches.</p>

ROUTE No. 83.

FROM NANDGHAT TO BILASPUR.

Length 31 m. 4 f.

3 marches.

Authority and date (month and year).—Bombay Command Route Book, 1903.

Epitome.—General direction N.-N.-E. Good road, made or metalled except in last stage, which is a fair-weather track. Water sometimes scarce in hot weather. Connects Routes 43 and 44.

AUTHORITIES		No. of stage and total distance.	ROUTE No. 83.
Civil.	Military		
D. C. RAIPUR.	CENTRAL OFFICER COMMANDING JHARKHAND BRIGADE	1	<p>NANDACHAT —17 m. 3 f.—From Raipur by route 43 in 4 marches.</p> <p>SARGAON.—11 m. Good murram road ten to twelve feet wide. No bridges between 4½ m. and 5½ m. A small village. Camping Ground.—Water.—Indifferent, from one tank and four wells, scarce in summer. Supplies.—On notice.</p>
		2	<p>14 m.</p> <p>HIRI.—7 m. 4 f. Road as above.</p> <p>21 m. 4 f. A small village. Camping Ground.—Water.—From tank and 2 wells. Supplies.—On notice.</p>
DEPUTY COMMISSIONER, BILASPUR.			

ROUTE No. 83.

AUTHORITIES.		No. of stage and total distance.	
Civil	Military.		
DEPUTY COMMISSIONER, BILASPUR.	G. D. C. JHUMUPUR BRIGADE.	8	<p>BILASPUR.—10 m. Road a fair-weather track. b., p.-o., L.-s., r.-s. Pass several small villages and nalas.</p> <p><i>Camping ground.</i>—Two C. G's W. of town. <i>Water.</i>—Plentiful. <i>Supplies.</i>—Plentiful at one week's notice. To Sambalpur by route 44, 12 marches.</p>
		31 m. 4 f.	

ROUTE No. 84.

FROM JHANSI TO JAKHOLI.

Length 50 m 2 f.

8 marches

Authority and date (month and year)—Captain Webster, 30th Punjabis, January 1910.

Epitome.—General direction N.-E. Connects Jhansi with Cawnpore. Road metalled and bridged throughout.

Water plentiful; supplies scarce in parts.

The road runs parallel and close to the Jhansi Lucknow branch of the Great Indian Peninsula Railway.

AUTHORITIES.		No. of stage and total distance.	ROUTE No. 84.
Civil.	Military.		
COLLECTOR, JHANSI.	G O C, JHANSI BRIGADE.	1	BARAGAON.—8 m 7 f. Road gravel, b. p. o. well shuted, metalled and bridged Country chiefly jungle. Rocky and hilly in places. At 6½ m. cross canal (21 ft. wide, 6 ft. deep). At 7½ m. pass Buchholeo (b). A village Company Ground.—410×320 yds. close to village, demarcated, liable to be flooded in rains. Water.—Good, from 2 wells on C. O. Supplies.—On notice.
		8 m. 7 f.	
		2	CHIRGAON.—8 m. 8 f. Country and road b. p. o. l. s. r. s. as above. At 4½ m. cross Betwa canal (35 ft. deep, 35 yds wide, at top; 4 yds at bottom; steep banks; single girder bridge.
		17 m. 4 f.	

AUTHORITIES		No. of stage and total distance.	ROUTE No. 84.
Civil	Military		
COLLECTOR, JHANSI	GENERAL OFFICER COMMANDING, JHANSI BRIGADE		stone piers). Railway crosses canal by iron bridge $\frac{1}{2}$ m. N. Near Paricha Betwa river = dammed, above dam deep and unfordable, below fordable at most points. A village. Camping Ground.—310 x 250 yds. close to village, with good shade, demarcated. Water.—Good, from 2 wells on C. G. Supplies.—On notice.
		2	SEMRI.—7 m. 4 f. Country cultivated. Road as above.
		25 m.	A small village. Camping Ground.—320 x 320 yds, demarcated; close to village. Water.—Good, from private well that needs petty repairs. Supplies.—Scarce.
		4	MOTH.—7 m. 4 f.—Country and road as p. o., l. s., r. s. above. At $3\frac{1}{2}$ m. pass Umra, large
DEPUTY COMMISSIONER, ORAI.		32 m. 4 f.	village (post-office), commanded by native fort 200 yds. N. of road. A village. Camping Ground.—34,800 sq. yds. close to village and road. Demarcated Water.—Good, from wells near C. G. Supplies.—Plentiful.
		5	PUNCH.—8 m. 4 f. Road as above. p. o., l. s., r. s.
		41 m.	

ROUTE NO. 85.

FROM DAMOH TO SUBAHGANJ.

Length 7½ m. 3 f.

8 marches,

Authority and date (month and year).—

Epitome.—General direction E. by N. Connects Routes No. VI and XI with Route XII. Road for most part stony, and difficult in places for artillery. Metalled road for 3 m., unmetalled remainder. Water plentiful. No supplies available without notice; water plentiful.

By Route XI from Saugor (4 marches) and by route VI from Jubulpur (6 marches).

AUTHORITIES.		No. of stage and total distance	ROUTE No. 85.
Civil.	Military		
DEPUTY COMMISSIONER OF DAMOH.	G. O. C., JUBHULPUR BRIGADE.	1	BILTURRA. —13 m. Road unmetalled but suitable for all arms. A few houses. <i>Camping Ground.</i> —92,200 sq. yds. close to Bandukpur Railway station on Bina-Katni line, which is N. of road, branch road to Hindoria. <i>Water.</i> Good for 2 m.
		13 m.	
		2	GHATPIPARIA. —7 m. 4 f. Country jungly, undulating, and partly cultivated. Road as above; passes over 2 steep ghats and 15 naals, those not bridged having muddy approaches and stony beds. A small village on the Barma river.
		20 m. 4 f.	

AUTHORITIES.

Civil.

MILITARY.

No
of
stages
and
total
distance.

ROUTE No. 85.

Camping Ground.—166,490 sq yds.
Water.—From 1 well and rivers.
Supplies.—On notice.

3

KOOMHAREE.—8 m. 1 f. Country and road
 as above. Cross 11 m.
 (bed rocky 200
 yds. wide, approaches steep, by ford in dry
 weather, by ferry (2 boats carrying 12 men)
 in rains. At 5 m. descend a steep ghat.

28 m.
5 f.

4

RAIPURA.—9 m. 5 f. Road difficult for
 guns on account of 2
 stony ghats, 1 at 2½ m.,
 length 2½ m. The other at end of stage,
 length 1 m. Cross 3 large nalas, approaches
 steep, and 5 small hill streams, bed stony, by
 ferds.

38 m.
2 f.

A large village.
Camping Ground—400 × 300 yds. not demarcated,
 100 yds. W. of village.
Water.—1 plentiful and good from stream, wells,
 and tank near C. G.
Supplies.—On notice.

5

BARTALLA.—6 m. 7 f. Country and road as
 above. Pass Haripur
 at 3 m. and Burguin at
 4 m. Cross 3 nalas by easy ferds.
 A small village.

45 m.
1 f.

D. C., DANOH.

O. O. C. JUMNUIPUR
BRIGADE.

F. A., BUNDEKHAND.

O. O. C. JHANSI
BRIGADE.

D. C. ATJEBULPUR.

O. O. C. JUMNUIPUR
BRIGADE.

LOCALITIES.		No of stage and total distance.	ROUTE No. 85.
Dist.	Miles.		
D. C. AT JUBBULPUR	H. B. C. JUBBULPUR BRIGADE.	6	<p><i>Camping Ground.</i>—24,000 sq. yds. 400 sq. yds. W. of village.</p> <p><i>Water.</i>—From well (disinfected periodically), and stream, also a large tank 500 yds. S. of C. G.</p> <p><i>Supplies.</i>—On notice.</p>
		53 m. 1 f.	<p>HARDWABA.—8 m. Country jungle with sparse cultivation. Road unmetalled, but bridged, suitable for all arms. Pass Mobunsi at 3 m., Rita at 5 m., Rithi railway station on Bina-Katni line, and Dhonia at 6 m.</p> <p>A small village.</p> <p><i>Camping Ground</i>—700 yds E of village.</p> <p><i>Water</i>—From Kan river and 2 wells in village.</p> <p><i>Supplies.</i>—On notice.</p>
P. A. IN BAGHELKHAND AT SUINA.	G. O. C. JHANSI BRIGADE	7	<p>PURAINA.—7 m 7 f Road unmetalled and stony in places. Cross Kan river (fordable except after heavy rain) at 6½ m</p> <p>A village</p> <p><i>Camping Ground.</i>—380 x 130 yds 700 yds S of village.</p> <p><i>Water</i>—Plentiful and good from 3 wells on and 1 near C. G.; also 3 tanks 700 yds S. of village.</p> <p><i>Supplies</i>—On notice.</p>
		61 m.	
		8	<p>SUBAHGANJ.—13 m 3 f Road as above for 7 m Then metalled. Cross Alone river at 3½ m. by ford (25 ft. wide, water 3 ft. bed</p>
		74 m. 8 f.	

ROUTE No. 86.

FROM WARORA TO DHAMTARI.

Length 243 m. 6 f.

22 marches.

Authority and date (month and year) — Chanda to Warora,
Bombay Command Route Book, 1903.

Epitome.—Direction S.-E. to Chanda, then N.-E. For the first few stages the road is either metalled or made, after which it is a cart track, practicable for all arms and for wheeled transport. Supplies are scarce at most places, and water is scarce, especially in hot weather.

This Route connects Routes VI and 43

AUTHORITIES		No of stage and total distance	ROUTE No. 86.
Civil	Military		
DEPUTY COMMISSIONER, CHANDA.	G. O. COMMANDING, JUBBULPUR BRIGADE		WARORA —On route VI. <i>p. o., l. s., r. s.</i>
		1	BHANDUK —12 m. A made road.
		12 m.	
		2	CHANDA.—15 m. Made road. <i>r. s.</i>
		27 m.	On the Warda Chanda branch of the Great Indian Peninsula Railway.
		3	TAMPTA.—15 m.—Road metalled.
		42 m.	Camping Ground.—1 mile beyond village on Andaree river. Water.—From river. Supplies.—

ATTENDANCE.		No. of stage and total distance.	ROUTE No. 86.
Off.	Ym- lary		
DEPUTY COMMISSIONER, CHANDA.	GENERAL OFFICER COMMANDING, JUBBULPUR BRIGADE.		<i>Camping Ground.</i> — <i>Water.</i> —Tank and well. <i>Supplies.</i> —From Armori.
		9	SIRSUNDI —8 m 4 f. Road as above. A small village.
		116 m. 7 f.	<i>Camping Ground.</i> —None fixed but a clear space available. <i>Water.</i> —From nala. <i>Supplies.</i> — Scarce
		10	KATEJARI. —10 m. 1 f. Road over sandy and black soil A small village in clear-
		127 m.	ing in jungle. <i>Camping Ground.</i> — <i>Water.</i> —From nala. <i>Supplies.</i> —Scarce.
		11	KORACHA. —12 m. 2 f. A good cart road. A small village
		133 m. 2 f.	<i>Camping Ground.</i> — <i>Water.</i> — } Scarce. <i>Supplies.</i> — }
		12	KOTHRI. —11 m 4 f. Road over rock. A small village
		150 m 6 f.	

AUTHORITIES.

CIVIL.

MILITARY.

No.
of
stages
and
total
distance.

ROUTE No. 86.

D. C., SHANDA.

GENERAL OFFICER COMMANDING JUBBULPUR BRIGADE.

13

162 m.
7/

Camping Ground—On right bank of river.
Water—Scarce in dry season.
Supplies—Scarce.

DAMAKASA.—12 m. 1 f. Road as above.
 A small village.

Camping Ground—Nil.
Water.—Abundant, from nala.
Supplies—Scarce.

14

172 m.
3/.

BASELI.—0 m. 4 f. Cart track. Soil rocky.
 A small village at foot
 of isolated black
 rocks.

Camping Ground.—
Water.—Abundant, from tanks.
Supplies—Scarce.

15

184 m.

BHANVERA.—11 m. 5 f. Good cart track.
 Pass several native
 villages. A desert of

Camping Ground.—In deserted village.
Water—Scarce, from nala.
Supplies—Scarce.

16

100 m.
6/

SAWARGAON.—0 m. 6 f. Road as above.
 A large village.

Camping Ground.—Good.
Water.—Abundant.
Supplies.—On notice.

STATION No.

Cnl
Mile-
tarr.No.
of
stages
and
total
distance.

ROUTE No. 86.

POLITICAL AGENT, CHHATTISGARH FLUDATORIES AT
RAIPUR
GENERAL OFFICER COMMANDING, JUBBULPUR BRIGADE

17 MANPUR — 10 m. 3 f. Pass several nahas
and villages Road
as above. A small

201 m.
1 1/2

village
Camping Ground —
Water.—Plentiful.
Supplies —Scarce

18 KANELI — 8 m 5 f Road as above A
large village Resi-
dence of a Maharaja.

203 m.
6 f

Camping Ground —
Water —Plentiful
Supplies —Moderate on notice.

19 KURNA — 8 m Road as above Pass a
river and nahas
A small village

217 m.
6 f

Camping Ground
Water —Plentiful from Mahanadi.
Supplies —As above

20 HALBA — 0 m. Road as above Pass a few
rivers
A small village

226 m
6 f

Camping Ground —No regular ground.
Water —Plentiful, from tank.
Supplies —As above

21 LAKRI — 7 m Road as above A small
village

233 m
8 f.

Camping Ground —
Water —
Supplies —

AUTHORITIES.		No. of stage and total distance	ROUTE No. 86.	
Civil.	Military.			
D. C. AT RAIPUR.	G. D. C. JUBBULPOUR BRIGADE.	22	DHAMTAHS—10 m. Road as above. A p-o, l-o, r-o. large village	
		243m. 64.	<i>Camping Ground.</i> — <i>Water.</i> —Plentiful, from several tanks and wells. <i>Supplies</i> —Promisable By route No. 43 to Raipur, 4 marches, 39 m	

ROUTE No. 87.

FROM EDALABAD TO ASIRGARH.

Length 41 m. 5 f.

3 marches.

Authority and date (month and year) — 2nd Lieutenant Hawson, 6th Inniskilling Dragoons, February 1911

Eptome.—General direction N.N.E. A good made road except for last 10 m., which is a jungle track with rocky ascents and descents

AUTHORITIES		No of stage and total distance	ROUTE No. 87.
Civil	Military		
DEPUTY COMMISSIONER, NIMAR, AT KHANDWA.	GENERAL OFFICER COMMANDING, 5th (MHOW) DIVISION	1	EDALABAD —By Route 13, Volume VI (1910) from Aurangabad in 8 marches
		9 m. 6 f.	<p>ICHAPUR —9 m 6 f Road metalled for 2m, the remainder made road.</p> <p>A village of 523 houses</p> <p>Camping Ground —23 acres, 350 yds S-E of village on bank of nala; wasteland, demarcated</p> <p>Water —Two pakka wells and nala</p> <p>Supplies —Scarce, likewise transport</p>
		23 m 7 f	<p>BURHANPUR —14 m 1f. Made road at 2 m. 2 m. from G C 4 f cross Dhamni b. p-o, t-s, r-s (bridged); at 7 m. 2½ f Badkhera; at 7 m 4 f cross Tapti river (250 yds. wide bed sandy and rocky banks high) by causeway in fair weather, by large boat in rains; at 7 m 6 f. Hutnur; at 10 m. 3 f. Pandarol nala, bed sandy.</p> <p>A large walled town.</p>

